

# Higher Education for American Democracy

VOLUME VI

*Resource Data*

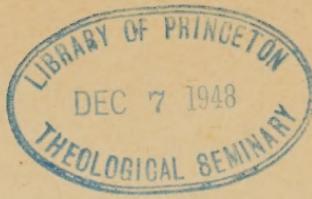
A REPORT OF THE  
PRESIDENT'S COMMISSION ON  
HIGHER EDUCATION

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VOLUME VI

*Resource Data*

✓ United States. President's commission on  
higher education.

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PRESIDENT'S COMMISSION ON  
HIGHER EDUCATION



*Washington, December 1947*



## **Letter of Transmittal**

**THE PRESIDENT'S COMMISSION ON HIGHER EDUCATION**

WASHINGTON, D. C., *December 11, 1947.*

**DEAR MR. PRESIDENT:**

On July 13, 1946, you established the President's Commission on Higher Education and charged its members with the task of examining the functions of higher education in our democracy and the means by which they can best be performed.

The Commission has completed its task and submits herewith a comprehensive report, "Higher Education for American Democracy." The magnitude of the issues involved prompted the Commission to incorporate its findings and recommendations in a series of six volumes, of which this is the sixth.

The Commission members and the staff are grateful for the opportunity which you have given us to explore so fully the future role of higher education which is so closely identified with the welfare of our country and of the world.

Very sincerely yours,

**GEORGE F. ZOOK,**  
*Chairman.*

**THE HONORABLE**  
**THE PRESIDENT OF THE UNITED STATES.**

## Letter of Appointment

THE WHITE HOUSE

WASHINGTON, D. C., July 13, 1946.

DEAR \_\_\_\_\_:

As veterans return to college by the hundreds of thousands the institutions of higher education face a period of trial which is taxing their resources and their resourcefullness to the utmost. The Federal Government is taking all practicable steps to assist the institutions to meet this challenge and to assure that all qualified veterans desirous of continuing their education have the opportunity to do so. I am confident that the combined efforts of the educational institutions, the States, and the Federal Government will succeed in solving these immediate problems.

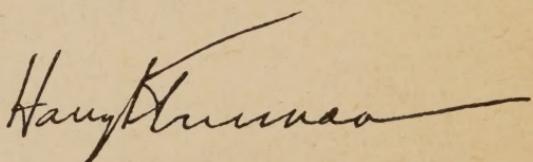
It seems particularly important, therefore, that we should now reexamine our system of higher education in terms of its objectives, methods, and facilities; and in the light of the social role it has to play.

These matters are of such far-reaching national importance that I have decided to appoint a Presidential Commission on Higher Education. This Commission will be composed of outstanding civic and educational leaders and will be charged with an examination of the functions of higher education in our democracy and of the means by which they can best be performed. I should like you to serve on this body.

Among the more specific questions with which I hope the Commission will concern itself are: ways and means of expanding educational opportunities for all able young people; the adequacy of curricula, particularly in the fields of international affairs and social understanding; the desirability of establishing a series of intermediate technical institutes; the financial structure of higher education with particular reference to the requirements for the rapid expansion of physical facilities. These topics of inquiry are merely suggestive and not intended to limit in any way the scope of the Commission's work.

I hope that you will find it possible to serve on this Commission.

Very sincerely yours,

A handwritten signature in dark ink, appearing to read "Harry Truman", is written over a horizontal line. The signature is fluid and cursive, with a prominent 'H' at the beginning.

## President's Commission on Higher Education

GEORGE F. ZOOK, *Chairman*

SARAH G. BLANDING	T. R. McCONNELL
O. C. CARMICHAEL	EARL J. McGRATH
ARTHUR H. COMPTON	MARTIN R. P. McGUIRE
HENRY A. DIXON	AGNES MEYER (Mrs. EUGENE)
MILTON S. EISENHOWER	HARRY K. NEWBURN
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HORACE M. KALLEN	GOODRICH C. WHITE
FRED J. KELLY	Rabbi STEPHEN S. WISE
MURRAY D. LINCOLN	

FRANCIS J. BROWN, *Executive Secretary*

A. B. BONDS, JR., *Assistant Executive Secretary*

## Acknowledgments

The Commission gratefully acknowledges the enthusiastic cooperation and the invaluable assistance it has received from educational institutions and from individuals, organizations, and agencies both in and out of Government.

Dr. John R. Steelman, the Assistant to the President, in his official capacity as liaison between the various agencies of Government and the Commission took a deep and personal interest in its work.

Dr. J. Donald Kingsley, formerly Program Coordinator in the White House office, was extremely helpful in the initial development of the scope and content of the Commission's program. Acknowledgment is also due to John L. Thurston of Dr. Steelman's office for his work in forwarding the activities of the Commission.

Almost every agency and department of Government assisted the Commission in its task. Special appreciation is expressed to the United States Office of Education, the Bureau of the Budget, the Bureau of the Census, the Bureau of Labor Statistics, the Department of the Army, the Department of the Navy, the Department of Agriculture, the Department of State, the Office of Selective Service Records, and the Veterans' Administration.

Through the cooperation of the American Council of Learned Societies, the American Council on Education, the National Research Council, and the Social Science Research Council, a special study was made of the faculties of thirty colleges and universities. The American Association of University Professors cooperated in extending the study of faculty personnel to members of its local chapters. The Association of Land Grant Colleges and Universities, conducted a special survey of the extension activities of its member institutions. Important data were supplied by B'nai B'rith, the National University Extension Association, and the North Central Association of Colleges and Secondary Schools. At the request of the Commission more than 50 other professional and lay organizations submitted statements, or assembled data of much value.

Institutions of higher education and State Departments of Education in every State gladly and promptly supplied information requested by the Government Agencies through which the Commission carried on much of its research activities.

This demonstration of cooperation reflects the deep public awareness of the problems which face higher education, and is a matter of much gratification to the Commission. It is hoped that these cooperative relationships may, in themselves, suggest a pattern for the continuing cooperation of individuals, organizations, Government agencies, and institutions interested in the future welfare of higher education in America.

The Commission is especially indebted to the members of its staff for the loyal, persevering and intelligent way in which they have served the Commission. Dr. Francis J. Brown, Executive Secretary, A. B. Bonds, Jr., Assistant Executive Secretary, and Anita R. Kury, who served as statistician to the Commission, deserve special mention.

## PREFACE

This is the sixth volume in the Report of the President's Commission on Higher Education. It presents the more important historic and statistical data used by the Commission in arriving at its recommendations.

No conclusions or interpretations appear in this volume. The conclusions drawn from these data are reflected in the recommendations of the Commission which appear in the five policy volumes of its Report.

Some of the materials appearing in this volume have already been published although not necessarily in the same form. This is particularly true of certain data from the U. S. Bureau of the Census. The material is presented here again, however, because of its importance to the work of the Commission, and in view of the continuing implications these data have for educational planning. Most of the data from the U. S. Office of Education are new tabulations and presentations which were prepared at the request of the Commission. Other summaries were prepared for the Commission or were compiled by the staff. Tables contained in their entirety in other volumes have not been republished herein.

When data are given by geographic area, unless otherwise noted, major break-downs used and the political subdivisions in each are as follows:

<i>New England and Middle Atlantic:</i>	<i>North Central:</i>	<i>South Central:</i>
Maine	Ohio	Kentucky
New Hampshire	Indiana	Tennessee
New Jersey	Illinois	Alabama
New York	Michigan	Mississippi
Pennsylvania	Wisconsin	Arkansas
Vermont	Minnesota	Louisiana
Massachusetts	Iowa	Oklahoma
Rhode Island	Missouri	Texas
Connecticut	North Dakota	
	South Dakota	
	Nebraska	
	Kansas	

<i>South Atlantic:</i>	<i>Mountain and Pacific:</i>	<i>Outlying Territories:</i>
Delaware	Montana	Alaska
Maryland	Idaho	American Samoa
District of Columbia	Wyoming	Canal Zone
Virginia	Colorado	Guam
West Virginia	New Mexico	Hawaii
North Carolina	Arizona	Philippine Islands*
South Carolina	Utah	Puerto Rico
Georgia	Nevada	Virgin Islands
Florida	Washington	
	Oregon	
	California	

\*For periods prior to July 4, 1946.

A total of six volumes have been issued by the Commission, under the general title, "Higher Education for American Democracy."

Volume I. "Establishing the Goals," issued on December 14, 1947.

Volume II. "Equalizing and Expanding Individual Opportunity," issued on December 22, 1947.

Volume III. "Organizing Higher Education," issued on January 12, 1948.

Volume IV. "Staffing Higher Education," issued on January 26, 1948.

Volume V. "Financing Higher Education," issued on February 2, 1948.

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# SECTION I

## National Background

TABLE 1.—*Median years of school completed by persons 20 years old and over, for the United States, by color and by sex, and for urban and rural areas: 1940*

Age	United States					Urban	Rural- non- farm	Rural- farm
	Total	Male	Female	White	Non- white			
Total, 20 and over	8.8	8.7	8.8	8.9	6.0	9.0	8.7	8.2
20 to 24 years	11.2	10.9	11.5	11.7	7.4	12.0	10.7	8.8
Total, 25 and over	8.6	8.6	8.7	8.7	5.7	8.8	8.6	8.1
25 to 29 years	10.3	10.1	10.5	10.7	7.1	11.0	10.0	8.6
30 to 34	9.5	9.2	9.9	10.0	6.7	10.3	9.3	8.4
35 to 39	8.8	8.7	8.9	8.9	6.2	9.0	8.8	8.2
40 to 44	8.6	8.6	8.7	8.7	5.8	8.8	8.6	8.2
45 to 49	8.5	8.4	8.5	8.6	5.5	8.6	8.5	8.1
50 to 54	8.4	8.3	8.4	8.4	5.0	8.5	8.4	8.0
55 to 59	8.3	8.2	8.4	8.4	4.8	8.4	8.3	7.9
60 to 64	8.3	8.2	8.3	8.3	4.4	8.4	8.3	7.7
65 to 69	8.2	8.1	8.2	8.2	3.7	8.3	8.1	7.1
70 to 74	8.1	8.0	8.2	8.2	2.9	8.3	8.1	7.0
75 years and over	8.0	7.7	8.1	8.1	1.0	8.2	8.0	6.5

Source: U. S. Bureau of the Census.

TABLE 2.—*Percent of youth enrolled in school by years of age: 1910-47*

Year	6-13 years of age		14-17 years of age		18-24 years of age	
	Percent	Percent	Percent	Percent	Percent	Percent
1910	81.5	58.9				9.1
1920	87.0	61.6				8.9
1930	91.6	73.1				16.1
1940	92.0	79.3				13.3
1946 <sup>1</sup>	97.7	80.1				13.1
1947 <sup>1</sup>	92.8	81.2				15.2

<sup>1</sup> Based on sample survey; subject to sampling variability.

Source: U. S. Bureau of the Census.

Note.—Data used in preparing chart 1, vol. II of Report of the President's Commission on Higher Education.

TABLE 3.—*Percent of high school and college age youth enrolled in school, for urban and rural areas: 1940, 1945, 1947*

Age and year <sup>1</sup>	Urban areas		Rural non- farm areas		Rural farm areas	
	Percent	Percent	Percent	Percent	Percent	Percent
14-17 years of age:						
1940	85.0	78.9				69.3
1945	83.2	80.0				68.6
1947	84.3	79.5				76.5
18-19 years of age:						
1940	31.7	27.5				23.9
1945	(2)	(2)				27.6
1947	27.8	27.7				
20-24 years of age:						
1940	7.8	5.2				4.6
1945	(2)	(2)				
1947	12.5	8.8				6.5

<sup>1</sup> Data are for April 1940, October 1945, and April 1947. The last 2 were sample surveys and the results are subject to sampling variability.

<sup>2</sup> Not shown since World War II violently distorted the situation for this age group.

Source: U. S. Bureau of the Census.

Note.—Data used in preparing chart 6, vol. II of Report of the President's Commission on Higher Education.

TABLE 4.—Years of school completed by the civilian population 20 years old and over, by age and sex, for the United States: April 1947

Age and sex	Total	Years of school completed						Median years of school completed
		Elementary school		High school		College		
		Less than 5 years	5 and 6 years	7 and 8 years	1 to 3 years	4 years	1 to 3 years	4 or more years
Total, 20 years and over	94,326,000	7,844,000	26,679,000	16,394,000	21,645,000	6,691,000	4,716,000	1,377,000
20 to 24 years	11,748,000	269,000	554,000	1,661,000	2,907,000	4,719,000	158,000	292,000
25 to 29 years	11,554,000	489,000	539,000	1,921,000	2,618,000	4,200,000	1,057,000	641,000
30 to 34 years	11,073,000	526,000	582,000	2,481,000	2,373,000	3,450,000	851,000	737,000
35 to 44 years	19,280,000	1,280,000	1,446,000	6,037,000	3,748,000	4,283,000	1,591,000	1,409,000
45 to 54 years	16,734,000	1,923,000	1,754,000	5,947,000	2,563,000	2,432,000	1,031,000	812,000
55 to 64 years	12,643,000	2,089,000	1,506,000	4,726,000	1,635,000	1,544,000	628,000	471,000
65 years and over	10,591,000	2,294,000	1,463,000	3,906,000	824,000	1,037,000	375,000	338,000
Male, 20 years and over	46,136,000	4,843,000	3,988,000	13,277,000	8,075,000	9,345,000	3,184,000	2,588,000
20 to 24 years	5,653,000	228,000	287,000	892,000	1,540,000	1,992,000	559,000	110,000
25 to 29 years	5,540,000	256,000	270,000	893,000	1,352,000	1,828,000	559,000	319,000
30 to 34 years	5,354,000	288,000	282,000	1,220,000	1,142,000	1,509,000	434,000	419,000
35 to 44 years	9,826,000	703,000	788,000	3,045,000	1,822,000	1,848,000	728,000	762,000
45 to 54 years	8,339,000	975,000	890,000	3,662,000	1,280,000	1,639,000	440,000	466,000
55 to 64 years	6,368,000	1,147,000	791,000	2,358,000	596,000	694,000	300,000	277,000
65 years and over	5,056,000	1,246,000	790,000	1,807,000	343,000	415,000	164,000	205,000
Female, 20 years and over	48,190,000	4,137,000	3,856,000	13,402,000	8,319,000	12,300,000	3,507,000	2,128,000
20 to 24 years	6,095,000	141,000	267,000	769,000	1,367,000	2,727,000	569,000	182,000
25 to 29 years	6,014,000	233,000	269,000	1,028,000	1,265,000	2,372,000	498,000	322,000
30 to 34 years	5,719,000	238,000	300,000	1,261,000	1,237,000	1,921,000	417,000	318,000
35 to 44 years	10,157,000	577,000	678,000	2,992,000	1,226,000	2,435,000	863,000	617,000
45 to 54 years	8,395,000	948,000	884,000	2,885,000	1,283,000	1,373,000	591,000	346,000
55 to 64 years	6,275,000	952,000	715,000	2,368,000	759,000	850,000	328,000	194,000
65 years and over	5,533,000	1,048,000	763,000	2,098,000	481,000	622,000	211,000	149,000

<sup>1</sup> Includes persons reporting no school years completed.

Source: U. S. Bureau of the Census.

Note.—Data used in preparing chart 7, vol. II of Report of the President's Commission on Higher Education.

TABLE 5.—School enrollment of the civilian population 5 to 29 years old, by veteran status, age, and sex, for the United States: April 1947

Age and veteran status	Both sexes		Male		Female	
	Enrolled in school		Enrolled in school		Enrolled in school	
	Total	Number	Total	Number	Total	Number
Total, 5 to 29 years	56,683,000	26,679,000	47.1	27,864,000	13,985,000	50.2
5 years	2,628,000	136,000	5.2	1,342,000	54,000	4.0
6 years	2,446,000	1,644,000	67.2	1,241,000	834,000	66.9
7 to 9 years	6,915,000	6,433,000	96.1	3,621,000	3,372,000	95.8
10 to 13 years	8,662,000	8,354,000	97.6	4,347,000	4,245,000	97.7
14 to 17 years	8,689,000	7,037,000	81.2	4,377,000	3,538,000	80.8
18 and 19 years	4,141,000	1,148,000	27.7	1,837,000	565,000	30.8
Nonveteran	(1)	(1)	(1)	1,508,000	495,000	32.8
Veteran	(1)	(1)	(1)	323,000	70,000	(1)
20 to 24 years	11,748,000	1,282,000	10.7	5,653,000	993,000	17.6
Nonveteran	(1)	(1)	(1)	1,335,000	116,000	8.1
Veteran	(1)	(1)	(1)	4,218,000	877,000	20.8
25 to 29 years	11,554,000	435,000	3.8	5,540,000	384,000	6.9
Nonveteran	(1)	(1)	(1)	1,196,000	31,000	2.6
Veteran	(1)	(1)	(1)	4,344,000	353,000	8.1

<sup>1</sup> Data not available.

Source: U. S. Bureau of the Census.

TABLE 6.—School enrollment of persons 6 to 24 years old, by age and sex, for the United States, urban and rural: Civilian noninstitutional population: April 1947, October 1946, October 1945, and April 1940

Urban and rural residence, age, and sex	1947				1946				1945				1940			
	Enrolled in school		Total		Enrolled in school		Total		Enrolled in school		Total		Enrolled in school		Total	
	Total	Number	Total	Percent	Total	Number	Total	Percent	Total	Number	Total	Number	Total	Number	Total	Percent
UNITED STATES																
Total, 6 to 24 years	42,501,000	26,108,000	61.4	41,528,000	26,294,000	63.3	37,472,000	25,003,000	66.7	44,209,508	26,373,939	59.7				
6 years	2,446,000	1,644,000	67.2	2,360,000	2,213,000	93.8	2,322,000	2,165,000	93.2	2,054,335	1,420,051	69.1				
7 to 9 years	6,151,000	6,643,000	96.1	6,812,000	6,687,000	98.6	6,678,000	6,558,000	98.2	6,487,830	1,198,026	94.3				
10 to 12 years	8,562,000	8,354,000	97.6	8,422,000	8,299,000	98.3	8,357,000	8,184,000	97.9	8,340,205	8,915,689	96.5				
14 to 17 years	8,689,000	7,057,000	81.2	8,914,000	7,139,000	80.1	9,085,000	7,163,000	78.8	9,720,419	7,078,871	79.3				
18 and 19 years	4,141,000	1,148,000	27.7	3,753,000	840,000	22.4	3,019,000	623,000	20.6	5,018,834	1,018,485	28.9				
20 to 24 years	11,748,000	1,282,000	10.7	11,267,000	1,132,000	10.0	8,010,000	310,000	3.9	11,587,835	760,837	6.6				
Male, 6 to 24 years	20,982,000	13,547,000	64.6	20,185,000	13,674,000	67.7	16,194,000	12,419,000	76.7	22,155,886	13,423,743	60.6				
6 years	1,247,000	824,000	66.9	1,202,000	1,121,000	93.3	1,183,000	1,102,000	93.2	1,041,757	710,525	68.2				
7 to 9 years	3,621,000	3,372,000	95.8	3,466,000	3,400,000	98.1	3,396,000	3,316,000	97.6	3,289,265	3,696,174	94.1				
10 to 12 years	4,317,000	4,245,000	97.7	4,272,000	4,186,000	98.0	4,233,000	4,138,000	97.8	4,734,213	4,510,906	95.3				
14 to 17 years	4,377,000	3,538,000	80.8	4,528,000	3,608,000	99.7	4,541,000	3,575,000	78.7	4,902,896	3,869,470	78.9				
18 and 19 years	1,837,000	565,000	30.8	1,505,000	436,000	29.0	800,000	173,000	21.6	2,495,373	769,773	30.8				
20 to 24 years	5,653,000	993,000	17.6	5,211,000	924,000	17.7	2,041,000	114,000	5.6	5,692,392	466,885	8.2				
Female, 6 to 24 years	21,519,000	12,561,000	58.4	21,344,000	12,620,000	59.1	21,278,000	12,584,000	59.1	22,053,622	12,950,196	58.7				
6 years	1,198,000	810,000	67.6	1,158,000	1,092,000	94.3	1,139,000	1,063,000	93.3	1,012,628	709,526	70.1				
7 to 9 years	3,394,000	3,271,000	96.4	3,346,000	3,287,000	98.2	3,282,000	3,242,000	98.8	3,198,575	3,022,832	94.5				
10 to 12 years	4,215,000	4,109,000	97.5	4,150,000	4,096,000	98.7	4,124,000	4,045,000	98.1	4,605,902	4,404,763	95.6				
14 to 17 years	4,312,000	3,519,000	81.6	4,386,000	3,532,000	80.5	4,544,000	3,588,000	79.0	4,817,623	3,839,401	79.7				
18 and 19 years	2,304,000	583,000	25.3	2,248,000	405,000	18.0	2,219,000	450,000	20.3	2,523,461	679,712	26.9				
20 to 24 years	6,095,000	289,000	4.4	6,056,000	208,000	3.4	5,969,000	196,000	3.3	5,895,443	293,942	5.0				
URBAN																
Total, 6 to 24 years	23,337,000	13,908,000	59.6	23,506,000	14,486,000	61.6	20,474,000	13,308,000	65.0	23,188,430	13,932,346	60.1				
6 years	1,257,000	887,000	70.6	1,271,000	1,225,000	96.4	1,169,000	1,119,000	95.7	954,448	760,354	73.7				
7 to 9 years	3,465,000	3,351,000	96.7	3,445,000	3,287,000	99.4	3,343,000	3,320,000	99.3	3,130,899	3,028,339	96.7				
10 to 12 years	4,334,000	4,311,000	98.1	4,365,000	4,326,000	99.3	4,210,000	4,184,000	99.4	4,642,650	4,522,237	97.4				
14 to 17 years	4,497,000	3,789,000	84.3	4,918,000	4,106,000	83.5	4,884,000	4,089,000	83.1	4,978,067	4,222,034	85.0				

18 and 19 years	2,333,000	648,000	27.8	2,221,000	531,000	23.9	1,772,000	397,000	22.4	2,727,989	865,320	31.7
20 to 24 years	7,391,000	922,000	12.5	7,286,000	892,000	11.8	5,066,000	228,000	4.5	6,755,377	554,062	7.8
Male, 6 to 24 years	11,091,000	7,197,000	64.9	7,634,000	67.9	8,193,000	6,504,000	79.4	11,324,949	7,088,579	62.6	
6 years	635,000	439,000	69.1	664,000	637,000	95.9	596,000	95.2	482,546	381,774	79.1	
7 to 9 years	1,730,000	1,665,000	96.2	1,753,000	1,738,000	99.1	1,672,000	1,652,000	1,570,981	1,526,826	96.6	
10 to 13 years	2,186,000	2,151,000	98.0	2,185,000	2,164,000	99.0	2,041,000	2,027,000	2,331,595	2,270,486	97.4	
14 to 17 years	2,211,000	1,892,000	85.6	2,412,000	2,116,000	85.6	2,391,000	2,027,000	84.8	2,465,424	119,362	85.9
18 and 19 years	927,000	306,000	33.0	816,000	271,000	33.2	368,000	112,000	30.4	1,295,688	494,904	33.9
20 to 24 years	3,382,000	744,000	21.9	3,361,000	708,000	21.1	1,095,000	90,000	8.2	3,168,710	324,657	10.2
Female, 6 to 24 years	12,246,000	6,711,000	54.8	12,255,000	6,851,000	55.9	12,281,000	6,803,000	55.4	11,864,481	6,843,767	57.7
6 years	622,000	448,000	72.0	607,000	588,000	96.9	544,000	523,000	96.1	471,902	378,580	80.2
7 to 9 years	1,735,000	1,686,000	97.2	1,692,000	1,689,000	99.8	1,670,000	1,668,000	99.3	1,501,908	1,501,513	96.8
10 to 13 years	2,188,000	2,160,000	98.3	2,181,000	2,171,000	99.5	2,168,000	2,157,000	99.4	2,311,045	2,251,752	97.4
14 to 17 years	2,286,000	1,897,000	83.0	2,446,000	1,889,000	81.3	2,483,000	2,032,000	81.5	2,511,643	2,112,102	84.1
18 and 19 years	1,406,000	342,000	24.3	1,404,000	200,000	18.5	1,404,000	285,000	20.3	1,432,306	400,415	28.0
20 to 24 years	3,989,000	178,000	4.5	3,925,000	184,000	3.9	4,001,000	138,000	3.4	3,586,667	199,405	5.6
RURAL-NONFARM												
Total, 6 to 24 years	9,601,000	5,991,000	62.4	8,649,000	5,703,000	65.9	7,970,000	5,612,000	70.4	9,245,287	5,572,563	60.3
6 years	563,000	361,000	60.9	566,000	527,000	93.1	527,000	503,000	95.4	476,098	306,940	64.5
7 to 9 years	1,687,000	1,616,000	95.8	1,609,000	1,584,000	98.4	1,608,000	1,386,000	98.6	1,463,200	1,384,227	94.7
10 to 13 years	2,016,000	1,961,000	97.3	1,838,000	1,819,000	99.0	1,844,000	1,818,000	98.6	2,003,999	1,920,074	95.8
14 to 17 years	2,013,000	1,600,000	79.5	1,797,000	1,448,000	80.6	1,938,000	1,545,000	79.7	1,982,966	1,564,933	79.8
18 and 19 years	863,000	239,000	27.7	727,000	166,000	22.8	545,000	110,000	20.2	989,714	275,212	27.5
20 to 24 years	2,429,000	214,000	8.8	2,113,000	160,000	7.5	1,506,000	50,000	3.3	2,319,310	120,507	5.2
Male, 6 to 24 years	4,742,000	3,088,000	65.1	4,154,000	2,947,000	70.9	3,442,000	2,752,000	80.0	4,638,757	2,888,524	61.2
6 years	307,000	177,000	57.7	288,000	276,000	92.6	263,000	242,000	95.7	241,944	133,380	63.4
7 to 9 years	874,000	837,000	95.8	850,000	837,000	98.5	819,000	799,000	97.6	742,425	720,775	94.4
10 to 13 years	1,010,000	988,000	97.8	906,000	885,000	98.8	923,000	914,000	98.7	1,015,554	971,548	95.7
14 to 17 years	1,000,000	802,000	81.0	904,000	726,000	80.3	953,000	759,000	79.6	902,440	789,010	78.5
18 and 19 years	376,000	119,000	31.6	287,000	87,000	30.3	126,000	27,000	21.4	500,927	147,859	29.5
20 to 24 years	1,185,000	165,000	13.9	910,000	126,000	13.8	365,000	11,000	3.0	1,145,467	75,568	6.6
Female, 6 to 24 years	4,859,000	2,903,000	59.7	4,495,000	2,755,000	61.3	4,528,000	2,860,000	63.2	4,606,530	2,734,069	59.
6 years	286,000	184,000	64.3	268,000	251,000	93.7	274,000	261,000	95.3	234,154	153,560	65.6
7 to 9 years	813,000	779,000	96.8	759,000	748,000	98.6	789,000	787,000	98.8	683,768	683,768	94.9
10 to 13 years	1,006,000	973,000	96.7	932,000	923,000	99.0	919,000	904,000	98.4	988,445	948,526	96.0
14 to 17 years	1,023,000	798,000	78.0	893,000	723,000	81.0	985,000	876,000	79.8	980,526	775,923	78.3
18 and 19 years	487,000	120,000	24.6	440,000	78,000	17.7	419,000	83,000	19.8	488,787	127,353	25.5
20 to 24 years	1,244,000	49,000	3.9	1,203,000	33,000	2.7	1,141,000	39,000	3.4	1,173,843	44,939	3.8

TABLE 6.—School enrollment of persons 6 to 24 years old, by age and sex, for the United States, urban and rural: Civilian noninstitutional population: April 1947, October 1946, October 1945, and April 1940—Continued

Urban and rural residence, age, and sex		1947				1946				1945				1940			
		Enrolled in school		Enrolled in school		Enrolled in school		Enrolled in school		Enrolled in school		Enrolled in school		Enrolled in school		Enrolled in school	
		Total	Number	Total	Percent	Total	Number	Total	Percent	Total	Number	Total	Percent	Total	Number	Total	Percent
RURAL-FARM																	
Total, 6 to 24 years	9,563,000	6,209,000	64.9	9,374,000	60.105,000	65.1	9,029,000	6,082,000	67.4	11,774,791	6,869,000	58.3					
6 years	596,000	396,000	66.4	523,000	461,000	88.1	625,000	543,000	86.9	623,839	352,757	56.5					
7 to 9 years	1,676,000	1,676,000	95.1	1,758,000	1,676,000	95.3	1,727,000	1,651,000	95.6	1,893,731	1,705,760	90.4					
10 to 13 years	2,082,000	96.7	2,129,000	2,128,000	95.9	2,302,000	2,182,000	94.8	2,692,556	2,473,358	91.8						
14 to 17 years	2,178,000	1,668,000	76.5	2,260,000	1,736,000	72.1	2,266,000	1,558,000	68.8	2,759,386	1,911,904	69.3					
18 and 19 years	1,945,000	261,000	27.6	806,000	133,000	17.7	702,000	116,000	16.5	1,261,131	308,953	23.9					
20 to 24 years	1,928,000	126,000	6.5	1,888,000	112,000	6.0	1,408,000	31,000	2.2	2,513,148	116,288	4.6					
Male, 6 to 24 years	5,149,000	3,262,000	63.4	4,780,000	3,022,000	64.7	4,560,000	3,162,000	69.3	6,192,180	3,496,640	56.5					
6 years	205,000	218,000	71.5	241,000	208,000	86.3	304,000	265,000	87.2	317,267	175,371	55.3					
7 to 9 years	917,000	870,000	94.9	863,000	826,000	95.7	905,000	865,000	95.6	966,839	868,189	89.8					
10 to 13 years	1,141,000	1,106,000	96.9	1,181,000	1,126,000	95.3	1,266,000	1,197,000	94.5	1,387,064	1,268,873	91.5					
14 to 17 years	1,176,000	844,000	71.8	1,153,000	765,000	66.3	1,198,000	788,000	65.8	1,444,032	960,528	66.5					
18 and 19 years	534,000	140,000	26.2	402,000	77,000	19.2	306,000	35,000	11.4	698,763	157,009	22.5					
20 to 24 years	1,076,000	84,000	7.8	940,000	90,000	9.6	581,000	12,000	2.1	1,378,215	66,670	4.8					
Female, 6 to 24 years	4,414,000	2,947,000	66.8	4,593,000	3,013,000	65.6	4,469,000	2,920,000	65.3	5,582,611	3,372,360	60.4					
6 years	291,000	178,000	61.2	283,000	232,000	89.0	321,000	278,000	86.6	306,672	177,386	57.9					
7 to 9 years	816,000	806,000	96.3	895,000	830,000	95.7	822,000	787,000	95.7	926,892	837,671	90.4					
10 to 13 years	1,011,000	976,000	96.5	1,038,000	1,002,000	96.5	1,037,000	984,000	94.9	1,306,492	1,204,485	92.2					
14 to 17 years	1,003,000	824,000	82.2	1,047,000	820,000	78.3	1,088,000	770,000	72.3	1,315,354	951,376	72.3					
18 and 19 years	411,000	121,000	29.4	403,000	66,000	16.4	396,000	81,000	20.5	592,368	151,944	25.7					
20 to 24 years	852,000	42,000	4.9	928,000	22,000	2.4	827,000	19,000	2.3	1,134,933	40,598	4.4					

Source: U. S. Bureau of the Census. Data for April 1947, October 1946, and October 1945 from sample surveys; for April 1940, from complete enumeration.

TABLE 7.—*Wage or salary income in 1939, for males 25 to 64 years old without other income by color, years of school completed, and age, for the United States, urban and rural-nonfarm: 1940*

[Statistics based on a 5 percent sample]

Color, area, years of school completed, and age		Wage or salary income in 1939								
		Total	None	\$1 to \$499	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$2,499	\$2,500 to \$4,999	\$5,000 and over	Not reported
<b>A. NATIVE WHITE MALES</b>										
<b>UNITED STATES</b>										
<b>25 to 64 years old</b>										
No school years completed		16,018,280	1,386,660	2,381,120	3,283,940	3,378,760	2,565,840	1,369,920	517,480	582,880
Grade school:		185,300	44,340	70,880	36,280	15,220	7,320	2,380	1,000	720
1 to 4 years		872,920	133,250	319,100	213,540	101,440	49,350	17,640	5,480	3,600
5 and 6 years		1,447,650	170,250	377,540	380,540	253,880	141,900	53,080	17,100	11,040
7 and 8 years		5,857,560	960,780	1,353,720	1,290,860	873,280	409,000	139,340	117,960	90,900
High school:		3,042,380	198,260	348,860	636,480	748,300	562,980	284,480	98,420	89,900
1 to 3 years		2,602,000	157,140	194,680	436,460	624,540	534,420	311,300	116,160	135,160
4 years		967,740	63,160	56,380	131,840	191,480	207,960	134,180	56,120	79,260
College:		924,800	60,660	31,480	71,880	131,380	172,820	148,560	80,360	142,000
1 to 3 years		119,320	14,100	21,440	23,200	21,300	15,800	7,230	3,500	3,240
4 years or more										
School years not reported										
<b>URBAN</b>										
<b>25 to 64 years old</b>										
No school years completed		10,483,900	663,880	975,720	1,989,880	2,470,820	1,992,600	1,129,720	437,020	502,520
Grade school:		72,260	13,820	19,280	18,340	10,020	5,800	1,820	840	500
1 to 4 years		365,580	39,400	88,000	104,860	63,040	34,840	13,820	4,420	2,760
5 and 6 years		758,980	67,100	128,900	208,040	172,740	104,880	43,700	13,740	9,140
7 and 8 years		3,676,760	248,900	388,460	812,360	927,960	673,140	337,240	118,420	102,940
High school:		2,189,340	107,780	175,620	410,140	558,860	439,060	234,100	83,180	77,360
1 to 3 years		1,900,860	95,180	109,550	294,800	484,240	431,640	261,740	99,380	118,440
4 years		731,480	39,860	35,260	86,820	145,580	162,700	110,280	47,520	67,980
College:		728,140	46,220	23,200	50,750	93,300	135,740	121,440	66,700	23,700
1 to 3 years		69,680	5,560	7,440	13,740	15,080	11,800	5,520	2,820	54,740
4 years or more										
School years not reported										

TABLE 7.—*Wage or salary income in 1939, for males 25 to 64 years old without other income, by color, years of school completed and age, for the United States, urban and rural-nonfarm: 1940*—Continued

[Statistics based on a 5 percent sample]

Wage or salary income in 1939

Color, area, years of school completed, and age	Total	Wage or salary income in 1939									
		None	\$1 to \$499	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$2,499	\$2,500 to \$2,999	\$3,000 to \$4,999	\$5,000 and over	Not reported	
<b>A. NATIVE WHITE MALES—Continued</b>											
<b>RURAL-NONFARM</b>											
25 to 64 years old.....	3,679,140	249,620	752,700	964,240	760,940	498,960	215,680	73,740	73,340	23,780	66,140
No school years completed.....	57,420	10,560	25,580	13,780	4,420	1,200	420	140	140	20	1,160
Grade school:											
1 to 4 years.....	281,340	27,200	116,480	83,040	32,100	11,940	3,380	1,000	680	220	5,300
5 and 6 years.....	413,180	31,620	129,680	66,940	31,680	9,720	2,960	1,620	360	670	23,840
7 and 8 years.....	1,390,340	91,840	302,940	399,820	300,360	173,840	63,080	18,680	13,120	2,920	1,920
High school:											
1 to 3 years.....	660,920	34,920	100,460	171,740	160,800	110,220	45,380	14,200	11,240	2,420	9,540
4 years.....	491,360	28,440	51,540	107,400	120,060	92,240	45,520	15,740	15,500	5,180	9,740
College:											
1 to 3 years.....	183,880	11,480	13,120	33,360	37,980	40,680	21,540	7,660	10,320	3,420	4,320
4 years or more.....	170,020	9,880	5,900	16,340	33,240	33,740	26,040	12,880	20,320	9,000	3,680
School years not reported.....	30,680	3,680	7,000	6,860	5,040	3,420	1,600	580	400	240	1,860
<b>B. NEGRO MALES</b>											
<b>UNITED STATES</b>											
25 to 64 years old.....	1,900,340	192,200	809,100	610,360	191,280	38,280	13,760	1,920	1,540	660	41,240
No school years completed.....	159,020	25,580	88,760	32,800	6,760	880	120	60	80	20	3,960
Grade school:											
1 to 4 years.....	616,600	72,480	244,560	162,920	33,760	4,720	720	160	160	100	17,020
5 and 6 years.....	410,320	39,300	175,700	141,120	38,680	6,040	1,120	260	60	80	7,960
7 and 8 years.....	396,100	30,840	131,600	152,620	58,900	11,920	2,640	380	280	200	6,740
High school:											
1 to 3 years.....	157,900	12,380	49,540	62,040	24,280	5,220	2,140	180	180	20	1,920
4 years.....	78,100	5,080	18,320	32,260	14,640	3,720	2,760	180	180	120	860
College:											
1 to 3 years.....	32,440	2,480	7,460	11,280	6,060	1,900	300	180	40	580	580
4 years or more.....	25,740	1,620	3,020	8,240	6,220	3,120	2,180	420	80	420	420
School years not reported.....	24,120	2,440	10,140	7,080	1,980	500	180	20	1,780		

URBAN													
25 to 64 years old.													
1,216,540	87,900	412,200	483,260	168,420	34,900	12,920	1,820	1,260	540	13,320			
No school years completed													
69,520	8,060	32,880	21,940	5,200	680	100	60	80					
Grade school:													
1 to 4 years.	311,340	24,700	134,060	116,460	27,520	4,180	560	140	100	80			
5 and 6 years.	288,440	18,020	97,200	110,440	33,560	5,440	900	260	160	20	3,540		
7 and 8 years.	306,180	20,900	85,120	130,020	63,540	11,900	2,620	340	220	180	2,540		
High school:													
1 to 3 years.	129,360	8,840	35,920	54,140	22,040	4,900	2,060	180	140	20	1,120		
4 years	68,340	3,980	14,620	28,680	13,780	3,480	2,700	180	140	120	660		
College:													
1 to 3 years.	27,760	1,920	5,560	9,760	5,640	2,080	1,840	280	180	40	460		
4 years or more.	21,120	1,400	2,180	6,200	5,440	2,700	2,060	380	320	80	360		
School years not reported	14,480	980	4,660	5,620	1,700	440	180	20					
<hr/>		<hr/>		<hr/>		<hr/>		<hr/>		<hr/>		<hr/>	
RURAL-NONFARM													
25 to 64 years old.													
356,360	21,760	199,160	106,000	20,700	3,060	620	100	200	80	80	4,680		
No school years completed													
39,700	3,920	24,640	9,180	1,340	200	20							
Grade school:													
1 to 4 years.	143,700	8,620	88,880	38,180	5,540	500	80	20	20		1,860		
5 and 6 years.	78,340	4,080	42,280	25,480	4,800	520	140				980		
7 and 8 years.	56,740	3,120	21,500	19,100	4,980	880	100	20	40	20	980		
High school:													
1 to 3 years.	19,440	1,120	8,900	6,760	2,080	300	40		40		200		
4 years.	7,340	400	2,680	3,160	780	180	60		20		60		
College:													
1 to 3 years.	3,160	160	1,160	1,260	380	80	60	20			40		
4 years or more.	3,440	100	520	1,620	580	340	120	40	80		40		
School years not reported	4,500	240	2,600	1,260	220	60					120		

Source: U. S. Bureau of the Census.

TABLE 8.—*Percent distribution of "Families" 1 by money income: 1946*

Money income in 1946	Metropolitan	Other urban	Rural
	areas 2	areas	areas 3
Under \$1,000	10	13	29
\$1,000 to \$1,999	17	22	31
\$2,000 to \$2,999	26	29	19
\$3,000 to \$3,999	20	20	9
\$4,000 to \$4,999	10	8	5
\$5,000 to \$7,499	9	5	3
\$7,500 and over	7	3	2
Not ascertained	1	(4)	2
Total	100	100	100

1 "Families" means spending units of all persons living in the same dwelling unit, belonging to the same family, who pooled their incomes to meet major expenses.

2 Metropolitan areas are the 12 largest cities in the Nation and their suburbs.

3 Rural areas are towns with 1940 population of less than 2,500, and open country.

4 Less than one-half of 1 percent.

Source: Board of Governors of the Federal Reserve System.

NOTE.—Data used in preparing chart 5, vol. II of Report of the President's Commission on Higher Education.

TABLE 9.—*Percent distribution of all children under 18 years of age, by total money income level of the unit,<sup>1</sup> for the United States, urban and rural: 1945*

[Statistics based on a sample]

Total money income level of the unit	Percent of all children under 18 years of age			
	United States	Urban	Rural-	Rural-
			nonfarm	farm
Total	100.0	100.0	100.0	100.0
Loss	.5	.2	.1	1.6
\$0 to \$499	5.7	1.9	1.7	16.7
\$500 to \$999	8.1	3.4	5.9	19.7
\$1,000 to \$1,499	8.8	5.9	8.7	15.0
\$1,500 to \$1,999	12.8	9.8	16.7	15.8
\$2,000 to \$2,499	13.4	13.8	15.8	10.6
\$2,500 to \$2,999	13.5	15.7	14.4	7.9
\$3,000 to \$3,499	11.0	13.9	12.1	4.4
\$3,500 to \$3,999	6.3	8.1	6.8	2.2
\$4,000 to \$4,499	5.5	7.3	5.7	1.7
\$4,500 to \$4,999	3.7	4.5	4.3	1.8
\$5,000 to \$5,999	5.0	7.6	3.5	.7
\$6,000 to \$9,999	4.4	6.1	3.6	1.5
\$10,000 and over	1.3	2.0	.6	.3
Half of all children are in units with less than	\$2,530	\$2,980	\$2,537	\$1,400

1 A unit is defined as a person living alone or with other nonrelated persons or a group of 2 or more persons related by blood, marriage, or adoption and residing in the same household. Most of the units involved in the present tabulation were units of 2 or more persons.

Source: U. S. Bureau of the Census.

TABLE 10.—*Distribution of highest school year completed by 17-year-old native white, according to monthly rental value of home, for urban and rural nonfarm areas: 1940*

Highest school year completed	Monthly rental value of home						
	Under \$10	\$10-\$14	\$15-\$19	\$20-\$29	\$30-\$49	\$50-\$74	\$75 and over
None	.9	.4	.3	.3	.3	.1	.2
1-7 years	28.2	12.9	8.2	4.9	2.7	2.0	1.1
8 years	16.0	13.4	11.9	9.4	5.2	3.1	1.9
High school:							
9 years	* 14.1	15.7	15.8	13.5	9.9	7.2	5.0
10 years	17.4	* 24.1	* 24.9	* 25.0	23.2	20.7	17.4
11 years	18.0	25.6	29.7	34.9	* 42.0	* 46.8	* 47.4
12 years	5.0	7.5	8.6	11.1	14.8	16.8	20.6
College: 13 years or more	.3	.5	.6	1.0	1.9	3.3	6.4

\* Group containing the median.

Source: U. S. Bureau of the Census.

NOTE.—Data used in preparing chart 3, vol. II of Report of the President's Commission on Higher Education.

TABLE 11.—Percent distribution of Army general classification test frequencies, for highest year of school completed

Test score	Highest school year completed (based on 2 samples of 110,959 in total)												Total	Percent distribution of A. G. C. T. results for 9,757,583 men									
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21		
160-164																						0.00	0.04
155-159																						.20	.40
150-154																						.4	.90
145-149																						1.0	1.70
140-144																						2.8	2.62
135-139																						5.5	4.70
130-134																						7.9	6.48
125-129																						14.7	12.00
120-124																						20.0	18.6
115-119																						8.2	6.80
110-114																						9.8	8.20
105-109																						9.8	8.58
100-104																						8.0	8.02
95-99																						7.8	7.42
90-94																						6.6	6.60
85-89																						6.5	6.50
80-84																						4.7	4.72
75-79																						4.8	5.20
70-74																						4.4	4.00
65-69																						3.2	3.2
60-64																						2.7	3.40
55-59																						1.3	2.80
50-54																						.8	2.00
45-49																						.4	2.58
40-44																						.6	2.58

<sup>1</sup> Less than 0.1 percent.

Source: Adjutant General's Office, U. S. Department of the Army.

## SECTION II

# Number of Colleges and Schools

TABLE 12.—*Number of schools of specified types, by State*

State or District of Columbia	Public schools (excluding kindergartens), 1943-44		Private schools, 1941-42		Residential schools for exceptional children, 1939-40		Schools of nursing, 1942-43
	Elementary	Secondary	Elementary	Secondary	Public	Private	
	169,905	28,973	10,285	3,011	281	94	1,300
Continental United States							
Alabama	3,925	1,178	113	34	6		27
Arizona	466	67	32	13	3		4
Arkansas	3,894	719	61	16	5		9
California	14,005	588	355	161	7	5	38
Colorado	1,955	358	85	33	5	1	14
Connecticut	808	136	209	68	4	3	18
Delaware	168	49	26	10	3	1	7
Florida	1,750	674	65	42	6		13
Georgia	3,613	1,402	41	23	6		17
Idaho	1,012	192	32	8	4		8
Illinois	11,366	1,438	912	175	6	3	97
Indiana	2,598	936	318	39	5		28
Iowa	8,982	981	339	125	6	2	28
Kansas	5,653	720	229	41	5		39
Kentucky	5,785	907	194	73	5	1	16
Louisiana	2,521	553	219	63	7	2	16
Maine	1,704	222	78	40	4		17
Maryland	966	213	173	59	6	7	23
Massachusetts	1,887	547	416	190	8	7	64
Michigan	2,800	383	432	159	8	3	29
Minnesota	6,630	654	345	67	8	2	27
Mississippi	4,280	665	46	25	4		36
Missouri	6,675	832	442	74	8	3	30
Montana	1,611	192	37	14	5		8
Nebraska	5,958	628	253	48	5		13
Nevada	211	46	1		1		
New Hampshire	1,584	139	66	39	2		14
New Jersey	1,594	330	374	119	6	3	44
New Mexico	717	152	64	20	5		1
New York	6,671	1,190	1,120	330	10	19	108
North Carolina	3,513	980	57	23	9		46
North Dakota	3,767	449	54	20	4		16
Ohio	4,003	1,241	584	151	8	1	67
Oklahoma	3,997	948	82	30	9	1	15
Oregon	1,376	272	73	30	5		10
Pennsylvania	8,579	1,272	903	228	7	19	123
Rhode Island	322	60	82	23	4	1	6
South Carolina	3,594	491	25	13	6		20
South Dakota	4,141	337	52	15	4		11
Tennessee	5,067	557	66	39	7	1	18
Texas	7,175	2,580	350	88	10		40
Utah	376	160	9	7	4		6
Vermont	1,035	90	27	19	2	1	11
Virginia	3,402	576	66	52	9	3	29
Washington	1,158	365	111	47	6		24
West Virginia	4,421	391	51	15	10		29
Wisconsin	5,733	505	563	68	6	2	24
Wyoming	1,161	103	8	2	3		2
District of Columbia	96	35	45	33	5	3	7
United States service schools							3

<sup>1</sup> Data for 1941-42.

<sup>2</sup> Estimated.

<sup>3</sup> Statistics for 1937-38.

Source: U. S. Office of Education for all data except those on schools of nursing which are from National League of Nursing Education.

TABLE 13.—Number and classification of institutions of higher education: <sup>1</sup> 1939-40 and 1941-42

State, or outlying part of the United States	Total 1939-40	Universities, colleges, and professional schools				Teachers colleges and normal schools				All institutions, 1941-42		
		Publicly controlled		Privately controlled		Publicly controlled		Privately controlled		Total	Public	Private
		De-gree-granting	Non-de-gree-granting <sup>2</sup>	De-gree-granting	Non-de-gree-granting <sup>2</sup>	De-gree-granting	Non-de-gree-granting <sup>3</sup>	De-gree-granting	Non-de-gree-granting <sup>3</sup>			
Continental United States	1,751	141	217	853	251	165	80	21	23	1,769	619	1,150
Alabama	27	3	1	12	6	5	—	—	—	26	9	17
Arizona	5	1	2	—	—	2	—	—	—	5	5	—
Arkansas	25	4	7	11	1	2	—	—	—	24	13	11
California	102	2	38	45	10	7	—	—	—	102	48	54
Colorado	19	3	4	7	2	3	—	—	—	16	9	7
Connecticut	27	1	—	11	8	4	1	1	1	28	6	22
Delaware	3	2	—	1	—	—	—	—	2	3	2	1
District of Columbia	25	—	—	14	7	2	—	—	2	22	2	20
Florida	13	3	1	5	4	—	—	—	—	14	4	10
Georgia	47	5	11	23	7	1	—	—	—	51	19	32
Idaho	8	1	2	2	1	—	2	—	—	8	5	3
Illinois	98	1	8	66	11	6	1	4	1	100	17	83
Indiana	41	3	1	29	3	2	—	2	1	40	6	34
Iowa	64	2	27	25	9	1	—	—	—	62	29	33
Kansas	45	4	15	16	8	2	—	—	—	44	22	22
Kentucky	40	4	2	16	13	4	—	1	—	38	10	28
Louisiana	21	5	1	10	3	1	—	1	—	19	7	12
Maine	16	1	—	6	3	2	4	—	—	15	6	9
Maryland	30	3	1	18	3	5	—	—	—	30	9	21
Massachusetts	69	2	—	39	10	11	1	1	5	68	14	54
Michigan	61	4	8	21	2	4	22	—	—	60	35	25
Minnesota	39	1	9	20	1	6	—	—	2	46	20	26
Mississippi	34	4	12	8	8	2	—	—	—	34	18	16
Missouri	56	2	9	24	13	8	—	—	—	56	13	43
Montana	10	3	1	2	1	1	1	1	—	11	8	3
Nebraska	23	2	2	11	3	4	—	1	—	22	8	14
Nevada	1	1	—	—	—	—	—	—	—	1	1	—
New Hampshire	9	1	—	3	3	2	—	—	—	9	3	6
New Jersey	36	1	4	20	4	6	—	1	—	35	10	25
New Mexico	7	3	2	—	—	2	—	—	—	7	7	—
New York	101	4	—	72	6	2	10	2	5	112	25	87
North Carolina	53	5	1	19	20	7	—	1	—	54	12	42
North Dakota	11	2	2	2	—	5	—	—	—	12	10	2
Ohio	67	8	—	54	3	—	—	2	—	66	10	56
Oklahoma	37	5	16	8	2	6	—	—	—	40	30	10
Oregon	20	2	—	11	2	—	3	—	2	20	5	15
Pennsylvania	98	1	1	75	7	14	—	—	—	103	16	87
Rhode Island	6	1	—	4	—	1	—	—	—	8	2	6
South Carolina	34	7	—	16	9	—	—	2	—	33	7	26
South Dakota	16	3	—	5	4	1	3	—	—	16	7	9
Tennessee	47	2	—	29	10	4	1	1	—	48	7	41
Texas	86	9	22	31	17	7	—	—	—	85	38	47
Utah	10	2	4	3	1	—	—	—	—	11	7	4
Vermont	11	1	—	5	2	—	3	—	—	11	4	7
Virginia	42	6	—	19	12	4	—	—	1	42	10	32
Washington	23	2	2	9	6	3	—	1	—	23	11	12
West Virginia	20	4	1	7	2	6	—	—	—	19	10	9
Wisconsin	64	1	—	19	4	10	28	2	—	66	39	27
Wyoming	1	1	—	—	—	—	—	—	—	1	1	—
United States service schools <sup>4</sup>	3	3	—	—	—	—	—	—	—	3	3	—

See footnotes at end of table.

TABLE 13.—*Number and classification of institutions of higher education: 1939–40 and 1941–42—Continued*

State, or outlying part of the United States	Total 1939–40	Universities, colleges, and professional schools				Teachers colleges and normal schools				All institutions, 1941–42		
		Publicly controlled		Privately controlled		Publicly controlled		Privately controlled		Total	Public	Private
		Degree-granting	Non-degree-granting <sup>2</sup>	Degree-granting	Non-degree-granting <sup>2</sup>	Degree-granting	Non-degree-granting <sup>3</sup>	Degree-granting	Non-degree-granting <sup>3</sup>			
<i>Outlying parts of the United States</i>	13	5	1	6	—	—	1	—	—	14	7	7
Alaska	1	1	—	—	—	—	—	—	—	1	1	—
Canal Zone	1	—	1	—	—	—	—	—	—	1	1	—
Hawaii	1	1	—	—	—	—	—	—	—	1	1	—
Philippine Islands	8	2	—	5	—	—	1	—	—	9	3	6
Puerto Rico	2	1	—	1	—	—	—	—	—	2	1	1

<sup>1</sup> This table will not check with the U. S. Office of Education, *Educational Directory, 1940*, Part III, because of the inclusion here of county normal schools and of other institutions of higher education reported since the *Directory* was compiled.

<sup>2</sup> Junior colleges.

<sup>3</sup> Normal schools.

<sup>4</sup> U. S. Coast Guard Academy, New London, Conn.; U. S. Naval Academy, Annapolis, Md.; and U. S. Military Academy, West Point, N. Y.

Source: U. S. Office of Education.

TABLE 14.—*Number and type of institutions of higher education: 1945–46*

Type	Number
Universities and large institutions of complex organization	131
Colleges of arts and sciences	557
Independent technical and professional schools	287
Teachers colleges and normal schools	201
Junior colleges	468
Institutions for negroes	105
All institutions	1,749

Source: U. S. Office of Education.

### SECTION III

## Enrollments in and Graduates of Secondary Schools

TABLE 15.—*Number of persons enrolled in secondary schools<sup>1</sup> in continental United States, by type of institution: 1900–1947*

Year (12 months ending June 30)	Continental United States	Publicly controlled high schools	Privately controlled high schools	Preparatory schools (colleges and universities)	Training schools of teacher-training institutions
1947 <sup>2</sup> .....	6,200,000	5,717,000	441,000	18,843	23,157
1946 <sup>3</sup> .....	6,140,000	5,662,110	434,400	19,540	23,950
1944.....	6,020,890	5,553,520	420,961	20,822	25,587
1942.....	6,923,538	6,387,805	483,195	39,077	13,461
1940.....	7,113,282	6,601,444	457,768	33,091	20,979
1938.....	6,736,939	6,226,934	446,833	32,874	30,298
1936.....	6,424,968	5,974,537	387,309	29,051	34,071
1934.....	6,090,749	5,669,156	360,092	24,703	36,798
1932.....	5,592,872	5,140,021	403,415	33,750	15,686
1930.....	4,799,887	4,399,422	341,158	47,309	11,978
1920.....	2,494,676	2,199,389	213,920	59,309	22,058
1910.....	1,111,393	915,061	117,400	66,042	12,890
1900.....	695,903	519,251	110,797	56,285	9,570

<sup>1</sup> Enrollment in secondary schools includes enrollment reported by 4 types of institutions: (a) publicly controlled high schools, (b) privately controlled high schools, (c) preparatory schools operated in connection with colleges or universities, and (d) secondary schools operated as part of teacher-training institutions.

<sup>2</sup> Estimated on basis of birth rates and school survival rates.

<sup>3</sup> Estimated by interpolation.

Source: U. S. Office of Education.

TABLE 16.—Number of persons enrolled in high schools<sup>1</sup> in continental United States and outlying parts, by geographic area and sex: 1900-1947.

Schools.

influence enrollment in 1960 and 1961. Community migration, however, had a negligible influence on enrollment in 1960-1961.

4 Total estimated breakdown of areas and sex according to geographical distribution in private and controlled institutions not available on an area basis; total allocated according to geographical distribution in private and controlled institutions.

<sup>6</sup> Revised total for continental United States reported <sup>7</sup> Data not available.

TABLE 17.—Number of persons enrolled in high schools<sup>1</sup> in continental United States and outlying parts, by geographic area and sex: 1932, 1936, and 1940<sup>2</sup>

Area	Total				Publicly controlled				Privately controlled			
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1940												
Continental United States and outlying parts.	7,199,846	3,546,667	3,653,179	6,733,169	3,328,133	3,405,036	466,677	218,534	248,143			
Continental United States	7,059,216	3,465,415	3,563,801	6,601,444	3,250,952	3,350,492	457,772	214,463	243,309			
New England and Middle Atlantic	2,076,797	1,040,264	1,036,533	1,881,947	946,300	935,647	194,850	93,964	100,886			
North Central	2,275,880	1,128,617	1,152,363	2,119,836	1,052,415	1,067,521	155,944	71,102	84,842			
South Atlantic	837,571	388,375	449,196	804,023	372,011	432,012	33,538	16,304	17,184			
South Central	1,072,132	510,779	561,333	1,032,289	491,916	540,373	38,833	18,863	20,980			
Mountain and Pacific	796,836	402,480	394,356	763,249	388,310	374,939	33,587	14,170	19,417			
Outlying parts	140,630	81,252	59,378	131,725	77,181	54,544	8,905	4,071	4,834			
1936												
Continental United States and outlying parts.	6,451,932	3,179,176	3,272,756	6,057,749	2,989,810	3,057,939	394,183	179,366	214,817			
Continental United States	6,361,846	3,124,139	3,237,707	5,974,537	2,948,765	3,025,772	387,309	175,374	211,935			
New England and Middle Atlantic	1,920,386	966,388	933,998	1,753,346	889,827	863,519	167,040	76,561	90,479			
North Central	2,096,999	1,030,201	1,066,798	1,967,576	971,461	996,115	129,423	68,740	70,683			
South Atlantic	710,967	331,315	370,652	682,922	318,603	364,319	28,045	17,712	15,333			
South Central	921,201	438,707	482,404	885,536	423,113	462,223	35,666	15,484	20,181			
Mountain and Pacific	712,233	355,438	354,856	685,157	345,561	339,596	27,136	11,877	15,259			
Outlying parts	90,086	55,087	35,049	83,212	51,045	32,167	6,874	3,992	2,882			
1932												
Continental United States and outlying parts.	5,647,131	2,783,520	2,863,611	5,231,391	2,589,756	2,641,635	415,740	193,764	221,976			
Continental United States	5,543,436	2,722,247	2,821,189	5,131,839	2,530,790	2,601,049	411,597	191,457	220,140			
New England and Middle Atlantic	1,598,179	815,942	752,237	1,423,324	720,933	693,371	174,855	85,889	88,866			
North Central	1,914,019	933,337	980,682	1,776,755	869,518	907,237	137,264	63,819	73,445			
South Atlantic	594,307	273,905	320,342	562,450	259,132	303,227	32,843	14,833	17,015			
South Central	798,975	380,184	418,791	766,341	365,106	401,235	32,634	15,078	17,556			
Mountain and Pacific	637,956	318,819	319,137	602,960	307,081	295,579	34,996	11,738	23,258			
Outlying parts	103,695	61,273	42,422	99,552	68,966	40,586	4,143	2,307	1,836			

<sup>1</sup> Includes enrollment in publicly and privately controlled high schools; does not include enrollment in preparatory departments of colleges, and secondary grades in training schools.

<sup>2</sup> 12 months ending June 30 of the year specified.

Source: U. S. Office of Education.

TABLE 18.—Number of persons graduated by public and private high schools in continental United States and outlying areas, by geographic area and sex:  
1930-47<sup>1</sup>

	1944 <sup>2</sup>			1940 <sup>3</sup>			1938 <sup>4</sup>			1930 <sup>5</sup>		
	Total	Men	Women									
Continental United States and outlying parts	1,048,002	441,172	606,830	1,244,000	592,332	651,668	1,134,758	532,882	601,876	675,686	305,762	369,034
Continental United States	1,041,492	438,419	603,073	1,221,475	578,718	642,757	1,120,079	524,120	595,950	666,904	300,376	366,128
New England and Middle Atlantic	294,673	132,203	162,470	342,502	166,150	176,352	321,323	154,205	167,118	174,970	84,219	90,751
North Central	357,662	152,884	204,778	417,732	190,716	218,016	387,781	182,040	205,741	252,501	113,660	138,832
South Atlantic	123,177	46,488	76,689	133,410	57,736	75,654	118,330	50,999	67,331	64,950	26,001	38,949
South Central	145,824	56,098	89,726	175,933	80,095	95,838	154,857	70,104	84,633	91,233	38,539	52,674
West	120,156	50,746	69,410	151,878	75,001	76,877	137,788	66,721	71,067	83,250	37,928	45,222
Outlying parts	6,510	2,753	3,757	22,525	13,614	8,911	14,679	8,753	5,926	8,732	5,356	3,406

<sup>1</sup> 12 month period ending June 30 of year specified.  
<sup>2</sup> Privately controlled high school data not available by area; total allocated geographically according to percentage distribution of graduates for 1939-40 and added to data for publicly controlled high schools.

<sup>3</sup> Area totals estimated by applying percentage distribution of originally published data, to revised nationwide totals reported in *Statistical Summary of Education*, vol. II, ch. II, 1941-42.

Source: U. S. Office of Education.

## SECTION IV

# College Enrollments

TABLE 19.—*Resident enrollment<sup>1</sup> in institutions of higher education in continental United States and outlying parts, by type of institutional control: 1900-1947*

Year (12 months ending June 30)	Continental United States and outlying parts	Continental United States			Outlying parts		
		Total	Publicly controlled	Privately controlled	Total	Publicly controlled	Privately controlled
1947	(2)	2,354,000	(2)	(2)	(2)	(2)	(2)
1946	(2)	1,056,000	(2)	(2)	(2)	(2)	(2)
1944 <sup>4</sup>	884,322	877,517	421,952	455,565	6,805	6,520	285
1942	1,411,510	1,403,990	732,111	671,879	7,520	7,130	390
1940	1,512,418	1,494,203	796,531	697,672	8 18,215	15,238	2,977
1938	1,365,933	1,350,905	689,483	661,422	8 15,028	12,501	2,527
1936	1,221,878	1,208,227	614,131	594,096	8 13,651	12,032	1,619
1934	1,066,645	1,055,360	529,931	525,429	8 11,285	11,285	—
1932	1,164,782	1,154,117	582,168	571,949	8 10,665	10,665	—
1930	1,111,571	1,100,737	537,001	563,736	8 10,834	10,665	169
1920	598,695	597,682	308,570	289,112	1,013	1,008	5
1910	355,328	355,213	(2)	(2)	115	115	—
1900	237,592	237,592	91,400	146,192	—	—	—

<sup>1</sup> Excludes: (a) enrollment in summer sessions, (b) nonresident collegiate enrollment in correspondence and extension work, and (c) enrollment in nurse-training institutions not affiliated with colleges and universities; excludes duplicates.

<sup>2</sup> Not available.

<sup>3</sup> Estimated from report of fall enrollment.

<sup>4</sup> Civilian enrollment only.

<sup>5</sup> Includes reports from schools in Philippine Islands.

Source: U. S. Office of Education.

TABLE 20.—*Resident enrollments in continental United States in institutions of higher education and relation to college age youth: 1900-1947*

Year (12 months ending June 30)	Enrollment <sup>1</sup>	As percent of college age youth (18-21) <sup>2</sup>
1900	237,592	4.0
1910	355,215	4.8
1920	597,682	8.1
1930	1,100,737	12.2
1932	1,154,117	12.6
1934	1,055,360	11.5
1936	1,208,227	13.0
1938	1,350,905	13.3
1940	1,494,203	15.6
1947	1,354,000	15.5
	2,354,000	—

<sup>1</sup> Source: U. S. Office of Education.

<sup>2</sup> Based on population data from the U. S. Bureau of the Census.

<sup>3</sup> Older aged veterans of World War II.

NOTE.—Data used in preparing Chart 1 vol. I Report of the President's Commission on Higher Education.

TABLE 21.—*The Educational Gap: 1900–1960—Resident enrollments in thirteenth to sixteenth grades in institutions of higher education in continental United States, and number who might have enrolled under recommendations of President's Commission on Higher Education*

Year	13th-16th grades <sup>1</sup> enrollment	Lost leadership	Number recom- mended by President's Commission on Higher Education
1900	146,000	2,226,000	2,372,000
1910	<sup>2</sup> 345,000	2,630,000	2,975,000
1920	582,000	2,404,000	2,986,000
1930	1,053,000	2,616,000	3,669,000
1936	1,130,000	2,625,000	3,755,000
1940	1,388,000	2,586,000	3,974,000
1947	<sup>2</sup> 1,286,000	2,383,000	3,669,000
	Prewar trend prediction	Added number recommended	
1952	2,305,000	1,080,000	3,385,000
1960	2,704,000	1,296,000	4,000,000

NOTE.—Data used in preparing chart 2, vol. I and chart 4, vol. II, of Report of the President's Commission on Higher Education.

<sup>1</sup> Source: U. S. Office of Education.

<sup>2</sup> Estimated from total of graduate and undergraduate enrollment from same source.

TABLE 22.—Resident enrollment of undergraduate and graduate students, in institutions of higher education<sup>1</sup> in continental United States and outlying parts, by institutional control, geographic area, and sex: 1900-1940

<sup>1</sup> Resident enrollment includes regular sessions only; excludes (a) summer sessions, (b) nonresident collegiate enrollment in correspondence and extension work, and (c) enrollment in nurses training institutions not affiliated with colleges and universities.

<sup>1</sup> Resident enrollment in  
<sup>2</sup> Area figures are estima-

ns only; excludes (a) summer sessions, (b) nonresident  
Does not include reports from the Philippine Islands.

\* Not available

TABLE 23.—Resident enrollment<sup>1</sup> in institutions of higher education, continental United States and outlying parts of United States, by sex, institutional control, type of institution,<sup>2</sup> and State: 1940<sup>3</sup>

	Total		Publicly controlled										Privately controlled																						
			Total publicly controlled		College and university		Arts and science		Professional and technical		Teacher and normal		Junior		Negro		Total privately controlled		College and university		Arts and science		Professional and technical		Teacher and normal		Junior		Negro						
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women									
Continental United States and outlying parts	904,610	607,808	478,720	333,049	290,989	147,666	9,623	21,864	41,582	10,356	64,901	97,784	63,408	43,656	8,217	11,723	425,890	274,759	210,118	101,157	123,936	117,200	62,819	15,139	2,309	6,667	17,047	22,958	9,961	12,298					
Continental United States	888,250	600,953	470,006	326,525	282,546	141,290	9,427	21,702	41,582	10,356	64,901	97,784	63,333	43,580	8,217	11,723	423,244	274,428	210,118	101,157	123,325	116,896	60,784	15,112	2,209	6,067	17,047	22,958	9,661	12,238					
Alabama	11,574	8,413	8,508	5,726	7,155	2,113	—	—	902	—	—	800	1,752	—	—	553	959	3,066	2,687	—	—	1,394	1,460	12	32	—	532	137	1,128	1,058					
Arizona	3,629	2,340	3,629	2,340	1,879	1,027	—	—	—	—	—	1,096	895	654	418	—	—	—	—	—	—	—	—	—	—	—	—	—							
Arkansas	6,444	4,484	4,963	2,975	2,099	751	398	269	349	164	681	759	1,190	209	246	323	1,481	1,509	—	—	1,205	1,092	74	—	—	108	202	300	—						
California	70,570	49,720	51,618	38,447	17,376	11,475	—	—	—	—	—	7,340	7,800	26,137	10,172	—	—	18,952	11,273	9,255	3,837	4,862	6,179	4,153	659	—	682	598	—						
Colorado	10,385	6,991	7,313	4,097	4,530	2,019	—	—	—	—	—	1,054	1,343	916	735	—	—	3,072	2,894	2,076	1,876	734	555	215	62	—	47	401	—						
Connecticut	9,290	3,570	1,114	1,377	845	420	—	—	—	—	—	269	957	—	—	—	—	8,176	2,183	4,893	425	1,373	1,223	401	109	62	76	1,447	360	—					
Delaware	630	438	652	408	610	336	—	—	—	—	—	—	—	—	—	—	42	72	—	—	—	—	—	—	—	—	—	—	—	—					
District of Columbia	14,511	7,808	254	932	—	—	—	—	—	—	—	140	360	—	—	114	572	14,237	6,876	9,095	3,104	1,573	1,767	2,512	629	—	130	—	391	1,077	955	—			
Florida	6,141	5,332	3,868	2,633	3,419	37	2	2,046	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,875	—	—	—	195	190	267	634	—					
Georgia	12,786	10,443	8,119	5,896	2,354	1,334	1	1,934	2,838	8	287	399	2,167	1,440	472	731	4,637	5,417	1,631	102	1,015	2,377	512	18	—	—	508	500	1,001	1,550	—				
Idaho	4,154	2,461	3,544	1,924	2,172	888	—	—	—	—	—	410	503	962	583	—	—	610	537	427	377	—	—	—	—	183	160	—	—						
Illinois	65,141	41,938	21,855	13,097	10,796	3,665	—	—	—	—	—	4,133	5,655	6,926	3,777	—	—	43,286	28,836	23,114	16,852	7,930	7,612	10,749	2,308	408	853	1,065	1,211	—					
Indiana	24,777	12,288	12,392	6,396	10,403	3,966	—	—	18	14	1,762	2,291	209	125	—	—	12,385	5,892	4,940	1,533	4,282	3,668	2,591	310	388	327	184	54	—	—					
Iowa	17,946	11,807	11,848	6,823	4,591	2,409	—	—	5,097	1,993	797	1,367	1,363	1,064	—	—	6,098	4,984	1,039	778	3,439	3,543	300	21	—	410	642	—	—						
Kansas	15,874	11,370	12,802	8,116	3,257	1,610	1,158	3,089	1,265	1,893	1,833	2,951	2,250	—	—	3,072	3,254	—	—	2,761	2,874	79	23	—	232	357	—	—							
Kentucky	12,182	10,262	8,481	6,383	5,159	2,820	—	—	—	—	—	2,727	2,889	186	144	409	530	3,671	3,879	2,403	846	21	276	169	712	—	1,286	—	—						
Louisiana	15,471	10,525	10,228	6,761	5,764	2,662	311	310	2,797	1,963	758	1,151	—	—	—	568	675	5,243	3,764	3,887	2,052	738	848	—	—	82	144	56	—	740	—	—			
Maine	3,563	2,529	1,862	1,300	1,522	531	—	—	—	—	—	441	1,021	2,261	1,785	255	200	1,234	1,794	—	—	1,499	860	59	7	—	143	362	—	368	—				
Maryland	11,681	6,376	4,232	2,733	3,563	1,484	—	—	—	—	—	314	755	2,232	43	355	471	7,449	4,123	3,313	1,177	2,152	2,185	1,984	393	—	867	2,738	—	—	—				
Massachusetts	37,083	20,689	19,635	8,233	1,331	840	—	—	—	—	—	1,283	440	652	2,793	—	—	35,148	17,456	23,407	6,617	5,849	8,606	5,471	301	—	731	421	1,201	—	—				
Michigan	37,075	23,884	28,684	19,743	22,248	13,577	—	—	—	—	—	899	101	3,505	4,688	2,032	1,377	—	—	8,391	4,143	5,139	696	2,807	2,883	325	302	—	120	262	—	—			
Minnesota	19,910	14,737	14,456	10,365	11,244	6,282	—	—	—	—	—	1,657	3,011	1,555	1,072	—	—	5,454	4,372	—	—	4,031	2,016	689	170	30	186	54	—	155	512	284	345	—	
Mississippi	7,498	6,521	6,264	4,727	3,297	512	10	1,209	—	—	—	—	441	1,021	2,261	1,785	255	200	1,234	1,794	—	—	845	937	—	—	—	143	362	—	368	—			
Missouri	22,791	17,602	11,543	8,688	5,314	1,567	—	—	—	—	—	4,071	5,548	1,844	1,217	314	351	11,248	8,919	6,041	4,282	2,204	1,682	2,116	217	—	867	2,738	—	—	—				
Montana	3,628	3,057	3,120	2,309	1,331	866	—	—	—	—	—	1,442	711	163	288	—	—	508	748	—	—	463	337	—	45	359	52	—	—	—	—	—			
Nebraska	9,735	6,844	6,963	4,843	5,472	3,047	—	—	—	—	—	1,327	1,624	164	172	—	—	2,772	2,001	1,280	519	1,251	1,348	56	1	59	31	126	102	—	—	—	—	—	
Nevada	787	480	787	480	787	480	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
New Hampshire	4,271	1,626	1,468	1,105	1,364	662	—	—	—	—	—	104	448	—	—	—	—	3,843	521	2,437	—	306	57	—	—	—	—	80	444	—	—	—			
New Jersey	14,358	6,157	3,781	3,130	1,910	1,087	—	—	—	—	—	1,994	2	1,228	2,844	559	284	—	—	10,577	3,027	4,791	1,097	1,789	821	3,134	594	137	60	728	455	—	—	—	
New Mexico	3,270	1,680	3,270	1,680	1,087	866	—	—	—	—	—	1,008	273	420	419	755	302	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
New York	117,042	88,554	37,517	31,976	35,753	27,019	4	2,257	2,497	21	903	2,228	105	68	1,261	1,912	7,525	46,578	57,877	30,379	8,885	10,224	12,130	4,604	531	777	102	594	—	—	—	—	—		
North Carolina	16,826	15,292	8,291	7,130	3,521	644	—	—	—	—	—	1,404	497	1,307	1,944	535	163	—	—	8,535	1,162	2,600	1,073	3,307	3,357	—	—	369	1,904	2,136	724	1,227	—	—	—
North Dakota	4,907	3,425	4,641	3,169	1,395	565	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	266	256	—	—	—	—	—	—	—	—	—			
Ohio	51,188	33,179	28,722	15,549	26,409	13,556	2,313	1,993	—	—	—	—	—	—	—	—	—	24,466	17,630	5,691	6,550	12,778	9,377	3,016	763	14	450	967	490	—	—	—	—	—	
Oklahoma	18,236	14,672	15,798	12,588	9,343	4,576	1,087	256	230	3,198	4,214	2,615	1,971	386	500	2,438	748	530	1,417	1,385	208	36	226	72	257	—	—	65	133	—</					

TABLE 24.—Enrollment in institutions of higher education,<sup>1</sup> continental United States and outlying parts, by control, type of institution, and sex: 1932-47<sup>2</sup>

Type of institution	1947 <sup>3</sup>				1940 <sup>4</sup>				1936 <sup>4</sup>				1932 <sup>4</sup>			
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Continental United States and outlying parts.	2,078,095	1,417,595	660,500	1,512,418	904,610	607,808	1,221,878	717,945	503,923	1,164,782	673,661	491,121				
Colleges and universities.	1,031,430	762,423	269,007	749,930	501,107	248,823	618,777	413,006	205,771	614,082	399,629	214,389				
Colleges of arts and sciences.	439,449	249,738	189,711	272,623	133,559	139,064	230,010	111,163	118,847	198,744	96,522	102,222				
Professional and technical institutions.	210,176	178,409	31,767	129,551	104,401	25,495	97,673	77,923	18,740	83,908	72,142	11,786				
Teachers colleges and normal schools.	150,059	78,963	71,096	171,061	103,851	141,276	50,333	90,923	160,732	49,990	48,295	11,457				
Junior colleges.	188,139	121,069	67,070	147,069	80,455	66,614	101,614	51,524	49,990	85,480	46,333	39,147				
Negro institutions.	58,842	26,983	31,849	41,839	17,878	23,961	32,628	13,976	18,652	21,880	9,740	12,140				
<hr/>																
PUBLICLY CONTROLLED																
Continental United States and outlying parts.				811,769	478,720	333,049	626,163	357,060	269,103	592,693	318,434	274,259				
Colleges and universities.	(4)	(5)	(6)	438,656	290,989	147,666	346,396	227,653	118,743	317,337	200,353	116,984				
Colleges of arts and sciences.				31,487	9,623	21,864	49,462	6,246	19,442	56,611	13,831					
Professional and technical institutions.				51,938	41,582	10,362	35,983	28,973	7,004	32,697	26,512	6,185				
Teachers colleges and normal schools.				162,885	64,301	97,784	134,361	48,705	85,656	153,875	47,844	106,031				
Junior colleges.				107,064	63,408	43,656	71,182	39,855	32,277	60,169	34,643	25,525				
Negro institutions.				19,940	8,217	11,723	14,779	5,622	9,167	9,173	3,471	5,702				
<hr/>																
PRIVATELY CONTROLLED																
Continental United States and outlying parts.				700,649	425,890	274,759	595,715	360,895	234,820	572,089	355,227	216,862				
Colleges and universities.	(7)	(8)	(9)	311,275	210,118	101,157	272,381	185,333	87,028	296,681	199,276	97,405				
Colleges of arts and sciences.				241,336	123,936	117,200	206,548	104,917	101,631	179,302	90,911	88,391				
Professional and technical institutions.				77,958	62,819	15,139	61,680	48,954	51,211	45,630	5,581					
Teachers colleges and normal schools.				8,376	2,309	6,067	6,915	1,648	5,287	6,877	1,451	5,426				
Junior colleges.				40,606	17,647	22,958	30,332	11,669	18,663	25,311	11,690	13,621				
Negro institutions.				21,899	9,661	12,238	17,849	8,394	9,495	12,707	6,269	6,438				

<sup>1</sup> Data for any type of institution are reported in the appropriate category only; types of institutions are mutually exclusive. "Colleges and universities" are institutions of complex organization. "Colleges of arts and sciences" are institutions offering liberal arts 4-year degrees. "Professional and technical institutions" are those independently controlled, "Negro institutions" include institutions of all types for Negroes only.

<sup>2</sup> Enrollment as reported in October 1946. These figures are less than those for resident enrollment during the academic year, generally by 10 to 15 percent. Data are estimated from sample survey.

<sup>3</sup> Resident enrollment does not include nonresident enrollment in correspondence and extension work, nor enrollment in schools of nursing not affiliated with colleges or universities; includes regular sessions but excludes summer sessions.

<sup>4</sup> Not available.

Source: U. S. Office of Education.

TABLE 25.—*Resident enrollment<sup>1</sup> in institutions of higher education, continental United States and outlying parts, by geographic area, institutional control, type of institution,<sup>2</sup> and sex: 1932, 1936, 1940<sup>3</sup>*

Area	Publicly controlled											
	Total, public and private				Colleges and universities		Arts and sciences		Professional and technical		Teachers and normals	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1940												
Continental United States and outlying parts	904,610	607,808	478,720	333,049	290,989	147,666	9,623	21,864	41,582	10,356	64,901	97,784
Continental United States	883,250	600,953	470,006	326,525	282,546	141,290	9,427	21,792	41,582	10,356	64,901	97,784
New England and Middle Atlantic	246,270	147,283	61,085	51,421	46,752	31,398	3,925	5,297	442	8,333	19,131	624
North Central	282,186	183,947	109,686	108,762	109,969	54,250	3,925	3,151	11,901	4,262	25,988	35,491
South Atlantic	95,127	72,607	47,974	34,403	20,130	5,638	3,259	11,017	14,764	505	3,095	9,394
South Central	127,770	98,287	91,151	64,724	53,284	2,243	7,624	5,343	8,779	15,140	19,800	11,439
West	131,897	88,929	100,110	67,215	52,411	29,688	4,277	1,268	12,315	13,968	31,107	22,291
Outlying parts	11,360	6,855	8,714	6,534	8,443	6,376	196	72	—	—	—	—
1936											75	76
Continental United States and outlying parts	717,955	503,923	357,060	269,103	227,653	118,743	6,246	17,216	28,979	7,004	48,705	85,656
Continental United States	709,672	498,555	350,376	263,755	221,555	114,659	6,107	17,162	28,979	7,004	48,258	84,446
New England and Middle Atlantic	210,504	129,982	50,493	46,777	37,613	23,399	2,607	2,632	4,221	339	7,074	20,147
North Central	232,115	188,192	128,234	85,432	86,937	44,251	2,520	8,957	3,142	18,165	26,688	1,330
South Atlantic	74,341	57,215	35,642	25,644	16,129	3,829	2,520	10,676	283	2,424	7,688	1,411
South Central	95,913	82,860	65,326	52,771	39,022	15,771	6,088	2,980	6,033	11,815	21,515	7,760
West	96,709	70,306	70,681	53,131	41,854	25,701	—	—	637	8,747	11,808	17,845
Outlying parts	8,283	5,368	6,684	5,348	6,098	4,084	139	54	—	—	447	1,210
1932											—	—
Continental United States and outlying parts	673,661	491,121	318,434	274,259	200,363	116,984	5,611	13,831	26,512	6,185	47,844	106,031
Continental United States	667,181	486,926	311,954	270,074	194,074	112,949	5,520	13,778	26,512	6,185	47,844	106,031
New England and Middle Atlantic	217,451	139,796	45,874	56,571	35,734	20,640	460	173	3,416	237	6,223	26,373
North Central	215,168	158,125	118,148	90,536	77,830	43,193	8,622	8,657	3,100	20,004	35,723	11,557
South Atlantic	68,717	48,845	33,950	25,174	15,822	3,723	2,341	7,824	551	2,944	9,743	580
South Central	79,116	74,467	63,406	49,289	39,765	12,888	1,867	5,091	1,757	11,816	21,340	6,651
West	86,729	65,713	59,576	48,504	34,823	23,505	—	—	2,151	540	6,857	12,852
Outlying parts	6,480	4,185	6,480	4,185	6,279	4,035	91	53	—	—	—	—
											110	97

Privately controlled

Area	Privately controlled											
	Colleges and universities				Arts and sciences				Professional and technical		Teachers and normal	
	Total, private	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men
1940	274,759	210,118	101,157	123,936	117,200	62,819	15,139	2,300	6,067	17,047	22,958	9,661
Continental United States and outlying parts	425,890	342,244	274,428	210,118	101,157	123,325	116,896	60,784	15,112	2,309	6,067	17,047
Continental United States	165,186	95,862	118,809	60,272	34,019	31,587	27,553	8,299	730	1,644	3,661	22,958
New England and Middle Atlantic	122,500	85,185	60,438	32,549	46,491	40,223	20,391	4,172	902	2,068	4,278	9,661
North Central	36,619	21,714	18,104	10,849	15,584	17,764	5,382	1,209	568	1,744	3,384	4,954
South Atlantic	31,787	21,714	12,972	6,966	11,837	11,088	2,732	774	45	1,744	3,517	4,533
South Central	2,646	331	-	-	611	304	2,035	27	-	682	2,207	2,204
Outlying parts	1836	-	-	-	-	-	-	-	-	-	-	-
Continental United States and outlying parts	360,895	294,820	185,353	87,028	104,917	101,631	48,954	12,736	1,648	5,267	11,669	18,663
Continental United States	359,296	234,800	185,353	87,028	104,917	101,631	47,355	12,716	1,648	5,267	11,669	18,663
New England and Middle Atlantic	160,101	83,205	109,296	44,376	27,331	27,054	21,927	7,934	469	1,520	827	2,261
North Central	103,881	72,760	41,754	26,789	41,344	35,975	16,450	2,979	699	2,086	3,302	4,590
South Atlantic	38,699	31,571	15,130	5,338	15,713	15,180	2,906	619	-	464	2,813	5,063
South Central	30,587	30,089	8,168	4,508	13,298	14,786	1,958	562	480	-	936	3,049
West	26,028	17,176	11,105	6,016	9,231	8,636	1,114	562	-	261	-	1,700
Outlying parts	1,593	20	-	-	-	-	-	1,599	20	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-
Continental United States and outlying parts	355,227	216,862	198,276	97,405	90,911	88,391	45,630	5,581	1,451	5,426	11,690	13,621
Continental United States	355,227	216,862	199,276	97,405	90,911	88,391	45,630	5,581	1,451	5,426	11,690	13,621
New England and Middle Atlantic	171,577	83,215	119,133	52,011	26,268	23,511	24,986	4,028	574	2,288	285	1,377
North Central	90,020	67,589	42,924	29,207	34,692	31,877	11,988	524	566	1,471	4,175	379
South Atlantic	34,767	23,671	16,570	3,967	10,942	13,478	2,605	380	452	1,389	2,205	3,261
South Central	26,710	25,178	7,456	4,400	11,085	12,183	1,821	216	311	911	2,716	3,189
West	27,153	17,209	13,193	7,820	7,924	7,332	4,217	433	-	280	1,819	1,344
Outlying parts	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Includes graduate and undergraduate students enrolled in regular sessions only; excludes (a) summer session, (b) nonresident collegiate enrollment in correspondence and extension work, and (c) enrollment in nurse-training institutions not affiliated with colleges or universities.

<sup>2</sup> Information for any one type of institution is reported in the appropriate category only; types of institutions are mutually exclusive. "Colleges and universities" are institutions of complex organization. "Arts and sciences" are institutions offering "year liberal arts degrees." "Professional and technical" institutions are those independently controlled.

<sup>3</sup> "Negro" includes institutions of all types for Negroes only. "Junior" includes non-degree-granting institutions not elsewhere classified.

<sup>4</sup> 12-month period ending June 30.

Source: U. S. Office of Education.

TABLE 26.—Resident enrollment<sup>1</sup> in institutions of higher education, continental United States and outlying parts, by institutional control, type of institutions,<sup>2</sup> and State: 1940<sup>3</sup>

State or Territory	Total	Publicly controlled					Privately controlled						
		Total publicly controlled	Colleges and universities	Arts and sciences	Professional and technical	Teachers and normal	Junior Negro	Total privately controlled	Colleges and universities	Arts and sciences	Professional and technical	Teachers and normal	
Continental United States and outlying parts...	1,512,418	811,769	438,655	31,487	51,938	162,685	107,064	19,940	700,649	311,275	241,136	8,376	40,005
Continental United States...	1,494,203	796,531	423,836	31,219	51,938	162,685	106,913	19,940	697,672	311,275	240,221	76,896	40,005
Alabama...	19,987	14,234	9,288	902	...	2,552	1,512	5,753	...	...	2,854	44	...
Arizona...	5,969	5,969	2,906	667	513	1,890	1,072	569	2,990	13,092	2,297	74	108
Arkansas...	10,928	7,938	2,850	...	15,140	45,309	...	...	36,225	11,041	4,812	...	311
California...	120,280	90,065	28,851	813	765	1,651	1,236	5,966	3,952	1,289	277	1,280	448
Colorado...	17,376	11,410	6,549	...	2,397	1,651	...	...	...	...	...	...	...
Connecticut...	12,860	2,491	1,285	...	...	1,226	...	10,369	5,318	2,596	510	138	1,807
Delaware...	1,118	1,000	946	...	...	...	...	114	58	58	...	...	...
District of Columbia...	22,319	1,186	...	...	500	686	21,133	12,199	3,340	3,041	130	...	391
Florida...	11,473	6,501	3,456	2,048	...	121	876	4,972	3,686	...	...	...	2,632
Georgia...	23,029	14,015	3,688	1,935	2,846	686	3,607	1,253	8,214	1,733	3,392	330	1,008
Idaho...	6,615	5,468	3,010	...	...	913	1,545	...	1,147	...	...	...	2,601
Illinois...	107,074	34,862	14,461	...	9,788	10,703	...	72,122	39,966	15,542	13,057	1,261	343
Indiana...	37,065	18,788	14,369	...	32	334	2,427	...	7,277	6,473	7,950	2,901	2,296
Iowa...	29,733	18,671	7,000	7,090	2,154	1,082	1,817	11,082	7,892	321	716	1,052	2,338
Kansas...	27,244	20,918	4,867	2,770	4,354	3,726	5,201	6,326	...	5,635	102	1,052	589
Kentucky...	22,414	14,864	8,979	...	5,616	330	1,243	7,550	4,240	867	445	1,998	216
Louisiana...	25,986	16,989	8,426	621	4,760	5,189	1,030	9,007	5,939	2,359	2,377	66	505
Maine...	6,692	3,162	2,035	...	...	1,069	43	826	11,572	4,490	4,337	3,368	368
Maryland...	18,557	6,985	5,047	...	1,723	3,446	...	52,604	30,024	14,455	5,772	731	1,622
Massachusetts...	57,772	6,168	...	...	...	...	...	...	...	...	...	...	...
Michigan...	60,961	48,427	35,825	1,000	8,193	3,409	...	12,634	5,835	5,690	627	...	382
Minnesota...	34,647	24,821	17,526	...	4,668	2,627	...	9,826	3,028	6,697	859	216	84
Mississippi...	14,019	10,901	3,809	1,219	...	1,462	4,046	...	1,782	...	...	667	679
Missouri...	40,393	20,226	6,881	...	9,619	6,061	665	20,167	10,323	3,886	2,333	...	3,625
Montana...	6,685	6,429	2,171	...	2,153	633	472	1,256	...	800	...	404	52
Nebraska...	16,579	11,806	8,519	...	...	...	...	4,773	1,799	2,590	57	90	228
Nevada...	1,267	1,267	1,267	...	...	...	...	2,951	336	...	...	...	...
New Hampshire...	5,897	2,573	2,026	...	...	...	...	547	4,072	2,437	363	...	624
New Jersey...	20,615	6,911	2,026	...	...	...	...	1,996	4,072	843	13,604	3,728	197
New Mexico...	4,950	4,950	1,773	1,281	...	...	...	839	1,057	...	...	...	1,181

New York	69,493	62,772	2,261	2,518	6,721	3,131	173	3,173	88,256	19,109	16,734	1,308	696
North Carolina	32,118	15,421	1,960	3,251	3,131	1,901	1,901	6,697	6,664	3,673	3,673	369	4,040
North Dakota	8,332	7,810	1,960	1,960	1,960	1,960	1,960	522	522	12,241	22,155	464	1,951
Ohio	94,367	41,271	39,965	4,306	4,306	7,412	4,586	886	4,522	1,278	2,802	244	1,457
Oklahoma	32,308	28,386	13,919	1,097	1,097	486	486	886	4,522	1,278	2,802	244	198
Oregon	16,141	10,775	8,973	-----	-----	533	1,269	207	5,366	34,935	3,872	396	157
Pennsylvania	83,401	17,010	7,293	-----	-----	9,427	83	207	66,391	21,549	8,483	559	941
Rhode Island	5,425	1,800	1,254	-----	-----	546	546	809	3,625	2,223	843	1,011	413
South Carolina	15,914	8,907	2,051	2,162	3,785	1,786	1,832	809	7,107	4,261	250	250	2,023
South Dakota	6,583	4,555	937	-----	-----	1,786	1,832	809	2,028	1,699	-----	-----	329
Tennessee	25,253	10,877	5,041	22,268	6,361	968	3,515	1,353	14,376	1,832	6,712	428	1,361
Texas	74,552	51,596	9,848	7,862	2,495	11,004	8,660	1,808	22,856	6,416	9,335	1,733	2,126
Utah	13,043	5,975	1,878	1,487	-----	1,986	1,986	1,986	3,196	2,894	133	133	3,095
Vermont	-----	-----	1,975	3,015	3,094	3,814	4,066	391	2,097	1,722	1,722	1,722	163
Virginia	26,156	15,199	3,015	3,015	3,015	4,066	4,066	1,210	10,957	1,649	4,742	335	2,084
Washington	26,226	19,880	16,473	-----	-----	3,101	306	328	6,346	4,986	2,926	2,926	1,194
West Virginia	14,444	10,897	3,400	2,776	-----	3,037	3,037	3,037	3,647	4,533	4,447	533	88
Wisconsin	33,135	23,203	11,949	2,264	2,264	2,264	2,264	2,264	9,332	9,332	527	527	201
Wyoming	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
United States service academies	4,326	4,326	-----	-----	4,326	-----	-----	-----	-----	-----	-----	-----	-----
Outlying Parts	18,215 <sup>a</sup>	15,238	14,819	268	-----	-----	151	-----	2,977	-----	915	2,082	-----
Alaska	268	268	268	268	268	268	268	268	268	268	268	268	-----
American Samoa	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Canal Zone	151	151	151	151	151	151	151	151	151	151	151	151	151
Guam	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hawaii	2,703	2,703	2,703	2,703	2,703	2,703	2,703	2,703	2,703	2,703	2,703	2,703	2,703
Philippine Islands	10,242	7,528	7,528	4,588	4,588	4,588	4,588	4,588	4,588	4,588	4,588	4,588	4,588
Puerto Rico	4,851	4,851	4,851	4,851	4,851	4,851	4,851	4,851	4,851	4,851	4,851	4,851	4,851
Virgin Islands	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Resident enrollment includes regular sessions only; excludes (a) summer session, (b) nonresident collegiate enrollment in correspondence and extension work, (c) enrollment in schools of nursing not affiliated with colleges or universities.

<sup>2</sup> Information for any one type of institution is reported in the appropriate category only; types of institutions are mutually exclusive. "Colleges and universities" are institutions of complex organization. "Arts and sciences" are institutions offering liberal arts 4-year degrees. "Professional and technical" institutions are those independently controlled.

<sup>3</sup> "Nero" includes institutions of all types for Negroes only. "Junior" are nondegree-granting institutions not otherwise classified.

<sup>a</sup> 12-month period ending June 30, 1940.  
Source: U. S. Office of Education.

## SECTION V

# Earned Degrees Granted

TABLE 27.—*Estimated number of advanced earned degrees in continental United States and outlying territories, by degree, field, geographic area: July 1, 1946–June 30, 1947*

### A. CONTINENTAL UNITED STATES AND OUTLYING PARTS<sup>1</sup>

Field of specialization	First graduate degree			Second graduate degree		
	Number of institutions	Estimated number of degrees	Distribution of degrees	Number of institutions	Estimated number of degrees	Distribution of degrees
Total.		35,919	Percent 100.0		3,787	Percent 100.0
Agriculture	50	648	1.8	18	111	2.9
Architecture	21	143	.4	4	23	.6
Biology	93	513	1.4	38	136	3.6
Botany	50	149	.4	25	78	2.1
Business	80	2,414	6.7	6	26	.7
Chemistry	146	1,131	3.2	71	452	11.9
Dentistry	11	234	.6			
Economics	94	693	1.9	34	159	4.2
Education	223	10,507	29.3	56	410	10.8
Engineering	291	3,278	9.0	64	184	4.9
Chemical	60	803	2.2	21	58	1.5
Civil	51	513	1.5	9	19	.5
Electrical	52	520	1.4	10	60	1.6
Mechanical	50	507	1.4	10	14	.4
Mining and metallurgical	37	231	.6	7	22	.6
Other	41	704	2.0	7	11	.3
English	170	1,742	4.9	144	202	5.3
Fine Arts	51	290	.8	8	42	1.1
Foreign language, classical	52	188	.5	17	39	1.0
Foreign language, modern	88	660	1.8	34	96	2.5
Forestry	21	275	.8	7	20	.5
Geology	60	269	.7	23	59	1.6
History	166	1,452	4.1	48	186	4.9
Home economics	58	617	1.7	7	16	.4
Industrial arts	22	180	.5	1	2	.1
Journalism	22	208	.6			
Law	22	177	.5	5	94	2.5
Library science	16	490	1.4	2	97	2.6
Mathematics	101	528	1.5	30	105	2.7
Medicine	35	823	2.3	14	135	3.5
Music	88	1,074	3.0	13	48	1.3
Nursing	15	355	1.0			
Pharmacy	22	78	.2	6	7	.2
Philosophy	54	216	.6	26	50	1.3
Physical education	51	789	2.2	4	21	.6
Physical sciences (not elsewhere listed)	29	226	.6	7	21	.6
Physics	88	499	1.4	40	149	3.9
Political science	81	606	1.7	33	101	2.7
Psychology	103	749	2.1	36	144	3.8
Religion	62	816	2.3	35	298	7.9
Social sciences (not elsewhere listed)	64	1,373	3.8	11	38	1.0
Sociology	102	469	1.3	23	65	1.7
Speech and dramatic arts	46	464	1.3	13	44	1.2
Veterinary medicine	7	17	.1	2	3	.1
Zoology	66	293	.8	24	83	2.2
Other	22	286	.8	7	43	1.1

<sup>1</sup> Based on reports from 402 institutions, of which 356 offer graduate work, 42 do not. University of Alabama, Oglethorpe University, Illinois Institute of Technology, and Presbyterian Theological Seminary of Chicago did not report.

TABLE 27.—Estimated number of advanced earned degrees in continental United States and outlying territories, by degree, field, geographic area: July 1, 1946–June 30, 1947—Continued

B. NEW ENGLAND AND MIDDLE ATLANTIC STATES

Field of specialization	First graduate degree			Second graduate degree		
	Number of institutions	Estimated number of degrees	Distribution of degrees	Number of institutions	Estimated number of degrees	Distribution of degrees
Total		16,124	Percent 100.0		1,672	Percent 100.0
Agriculture	7	121	0.8	4	28	1.7
Architecture	7	68	.4	2	20	1.2
Biology	34	190	1.2	14	56	3.3
Botany	10	28	.2	6	25	1.5
Business	18	1,501	9.3	1	13	.8
Chemistry	43	476	3.0	23	170	10.3
Dentistry	3	175	1.1			
Economics	26	313	1.9	14	96	5.7
Education	56	4,988	30.9	14	152	9.1
Engineering	95	1,550	9.6	32	116	6.9
Chemical	20	425	2.6	9	34	2.0
Civil	17	193	1.2	5	13	.8
Electrical	18	260	1.6	5	38	2.3
Mechanical	15	186	1.2	3	4	.2
Mining and metallurgical	11	98	.6	5	19	1.1
Other	14	388	2.4	5	8	.5
English	47	815	5.1	14	87	5.2
Fine arts	12	75	.5	3	7	.4
Foreign language, classical	24	97	.6	8	17	1.0
Foreign language, modern	27	311	1.9	13	36	2.2
Forestry	5	104	.6	3	10	.6
Geology	15	71	.4	6	19	1.1
History	43	557	3.5	15	68	4.1
Home economics	8	295	1.8	3	9	.5
Industrial arts	4	63	.4	1	2	.1
Journalism	2	68	.4			
Law	9	76	.5	2	8	.5
Library science	4	267	1.7			
Mathematics	28	199	1.2	9	51	3.1
Medicine	10	339	2.1	8	111	6.6
Music	18	313	1.9	7	39	2.3
Nursing	5	177	1.1			
Pharmacy	6	40	.2			
Philosophy	20	72	.4	13	25	1.5
Physical education	11	442	2.7	3	17	1.0
Physical sciences (not elsewhere listed)	12	51	.3	2	7	.4
Physics	27	196	1.2	17	70	4.2
Political science	22	309	1.9	11	50	3.0
Psychology	34	270	1.7	16	57	3.4
Religion	19	269	1.7	19	203	12.1
Social sciences (not elsewhere listed)	17	741	4.6	5	18	1.1
Sociology	25	188	1.2	9	22	1.3
Speech and dramatic arts	9	109	.7	3	5	.3
Veterinary medicine	1	2	.1			
Zoology	16	56	.3	5	32	1.9
Other	6	142	.9	4	26	1.6

C. NORTH CENTRAL STATES

Total	10,037	Percent 100.0		1,188	Percent 100.0	
		Number of institutions	Estimated number of degrees		Number of institutions	Estimated number of degrees
Agriculture	11	234	2.3	7	51	4.3
Architecture	6	35	.3			
Biology	24	169	1.7	10	42	3.5
Botany	17	78	.8	14	43	3.6
Business	21	490	4.9	5	13	1.1
Chemistry	40	346	3.4	23	168	14.1
Dentistry	5	13	.1			
Economics	26	183	1.8	10	33	2.8

TABLE 27.—Estimated number of advanced earned degrees in continental United States and outlying territories, by degree, field, geographic area: July 1, 1946–June 30, 1947—Continued

C. NORTH CENTRAL STATES—Continued

Field of specialization	First graduate degree			Second graduate degree		
	Number of institutions	Estimated number of degrees	Distribution of degrees	Number of institutions	Estimated number of degrees	Distribution of degrees
Education	58	2,856	Percent	16	108	Percent
Engineering	82	840	28.5	12	21	9.1
Chemical	17	216	2.2	6	14	1.2
Civil	13	160	1.6	2	2	.2
Electrical	15	95	.9	1	1	.1
Mechanical	16	165	1.6	2	3	.2
Mining and metallurgical	11	57	.6			
Other	10	147	1.5	1	1	.1
English	43	422	4.2	11	40	3.4
Fine arts	16	109	1.1	4	34	2.9
Foreign language, classical	16	65	.6	6	14	1.2
Foreign language, modern	20	177	1.8	8	21	1.8
Forestry	5	82	.8	3	7	.6
Geology	17	90	.9	7	24	2.0
History	39	372	3.7	11	34	2.9
Home economics	18	175	1.7	3	6	.5
Industrial arts	7	46	.5			
Journalism	13	97	1.0			
Law	4	34	.3	2	85	7.2
Library science	4	73	.7	2	97	8.2
Mathematics	29	196	2.0	13	35	2.9
Medicine	13	282	2.8	5	18	1.5
Music	31	574	5.7	3	5	.4
Nursing	4	88	.9			
Pharmacy	9	27	.3	4	5	.4
Philosophy	16	68	.7	4	4	.3
Physical education	13	125	1.2	1	4	.3
Physical sciences (not elsewhere listed)	7	118	1.2	2	7	.6
Physics	23	172	1.7	9	39	3.3
Political science	22	99	1.0	10	19	1.6
Psychology	25	245	2.4	11	52	4.4
Religion	14	187	1.9	5	37	3.1
Social sciences (not elsewhere listed)	19	257	2.6	2	14	1.2
Sociology	28	150	1.5	9	25	2.1
Speech and dramatic arts	17	228	2.3	6	30	2.5
Veterinary medicine	4	13	.1	2	3	.2
Zoology	22	137	1.4	12	40	3.4
Other	8	85	.8	2	10	.8

D. SOUTH ATLANTIC STATES

Total	2,589	Percent 100.0	Percent 100.0			
			290	Percent 100.0		
Agriculture	9	58	2.2	6	2.1	
Architecture	2	2	.1			
Biology	15	51	2.0	4	3.8	
Botany	6	15	.6	1	.7	
Business	9	51	2.0	2		
Chemistry	19	104	4.0	9	40	13.8
Dentistry						
Economics	14	71	2.7	5	14	4.8
Education	32	699	27.0	6	20	6.9
Engineering	23	128	5.0	5	10	3.5
Chemical	6	45	1.7	2	4	1.4
Civil	5	16	.6	1	2	.7
Electrical	3	17	.7	1	2	.7
Mechanical	6	20	.8	1	2	.7
Mining and metallurgical	1	1	.1			
Other	7	29	1.1			
English	20	139	5.4	7	36	12.4
Fine arts	4	15	.6	1	1	.3

TABLE 27.—Estimated number of advanced earned degrees in continental United States and outlying territories, by degree, field, geographic area: July 1, 1946–June 30, 1947—Continued

D. SOUTH ATLANTIC STATES—Continued

Field of specialization	First graduate degree			Second graduate degree		
	Number of institutions	Estimated number of degrees	Distribution of degrees	Number of institutions	Estimated number of degrees	Distribution of degrees
<i>Percent</i>						
Foreign language, classical	4	14	0.5	2	6	2.1
Foreign language, modern	12	42	1.6	4	12	4.1
Forestry	5	53	2.0	1	3	1.0
Geology	4	8	.3	2	4	1.4
History	23	161	6.2	8	31	10.7
Home economics	9	40	1.5			
Industrial arts	2	3	.1			
Journalism	2	13	.5			
Law	3	18	.7	1	1	.3
Library science	3	67	2.6			
Mathematics	19	67	2.6	3	6	2.1
Medicine	3	73	2.8	1	1	.3
Music	6	14	.5	1	2	.7
Nursing	2	24	1.0			
Pharmacy	3	4	.1	2	2	.7
Philosophy	5	20	.8	4	13	4.5
Physical education	3	43	1.7			
Physical sciences (not elsewhere listed)	2	3	.1	1	2	.7
Physics	12	29	1.1	5	14	4.8
Political science	13	48	1.9	5	12	4.2
Psychology	13	69	2.7	4	10	3.5
Religion	9	139	5.4	2	8	2.8
Social sciences (not elsewhere listed)	5	170	6.6	1	1	.3
Sociology	13	50	1.9	3	12	4.1
Speech and dramatic arts	3	29	1.1			
Veterinary medicine						
Zoology	6	31	1.2	2	3	1.0
Other	2	24	.9	1	7	2.4

E. SOUTH CENTRAL STATES

Total		3,001	Percent 100.0		140	Percent 100.0
Agriculture	13	139	4.6	1	1	.7
Architecture	4	15	.5	1	2	1.4
Biology	9	38	1.2	3	3	2.1
Botany	6	10	.3	1	3	2.1
Business	15	90	3.0			
Chemistry	21	77	2.5	4	13	9.3
Dentistry	1	43	1.4			
Economics	11	27	.9	2	3	2.2
Education	41	1,092	36.4	6	28	20.0
Engineering	26	122	4.0	4	6	4.3
Chemical	9	59	2.0	2	4	2.9
Civil	4	9	.3			
Electrical	3	8	.2	1	1	.7
Mechanical	3	18	.6			
Mining and metallurgical	3	17	.6	1	1	.7
Other	4	11	.3			
English	30	196	6.5	5	14	10.0
Fine arts	7	18	.6			
Foreign language, classical	6	10	.3			
Foreign language, modern	13	32	1.1	2	2	1.4
Forestry						
Geology	7	35	1.1	1	2	1.4
History	32	150	5.0	5	10	7.2
Home economics	12	71	2.4			
Industrial arts	6	35	1.2			
Journalism	3	7	.2			
Law	3	31	1.0			
Library science	3	16	.5			

TABLE 27.—Estimated number of advanced earned degrees in continental United States and outlying territories, by degree, field, geographic area: July 1, 1946–June 30, 1947—Continued

E. SOUTH CENTRAL STATES—Continued

Field of specialization	First graduate degree			Second graduate degree		
	Number of institutions	Estimated number of degrees	Distribution of degrees	Number of institutions	Estimated number of degrees	Distribution of degrees
Mathematics	11	28	0.9	1	1	Percent 0.7
Medicine	6	95	3.2			
Music	14	64	2.1	1	1	.7
Nursing	2	64	2.1			
Pharmacy	1	2	.7			
Philosophy	1	4	.1			
Physical education	9	70	2.3			
Physical sciences (not elsewhere listed)	3	4	.1			
Physics	13	38	1.3	2	4	2.9
Political science	8	27	.9	1	1	.7
Psychology	10	40	1.3	1	4	2.9
Religion	13	158	5.2	7	35	25.0
Social sciences (not elsewhere listed)	11	90	3.0	1	1	.7
Sociology	14	26	.9	1	1	.7
Speech and dramatic arts	5	15	.5	1	1	.7
Veterinary medicine						
Zoology	7	14	.5	2	4	2.9
Other	2	8	.2			

F. MOUNTAIN AND PACIFIC STATES

Total			Percent 100.0			Percent 100.0
Agriculture	9	94	2.3	4	25	5.1
Architecture	2	23	.5	1	1	.2
Biology	10	63	1.5	7	24	4.8
Botany	10	17	.4	3	5	1.0
Business	17	282	6.8			
Chemistry	23	128	3.1	12	61	12.3
Dentistry	2	3	.1			
Economics	16	98	2.4	3	13	2.6
Education	35	870	20.9	14	102	20.5
Engineering	60	638	15.4	11	31	6.2
Chemical	8	58	1.4	2	2	.4
Civil	12	135	3.3	1	2	.4
Electrical	13	140	3.4	2	18	3.6
Mechanical	10	118	2.8	4	5	1.0
Mining and metallurgical	11	58	1.4	1	2	.4
Other	6	129	3.1	1	2	.4
English	29	168	4.0	7	25	5.1
Fine arts	12	73	1.8			
Foreign language, classical	2	2	.1			
Foreign language, modern	15	96	2.3	7	25	5.1
Forestry	6	36	.9			
Geology	17	65	1.6	7	10	2.0
History	29	212	5.1	8	43	8.7
Home economics	11	36	.9	1	1	.2
Industrial arts	3	33	.8			
Journalism	2	23	.5			
Law	3	18	.4			
Library science	2	67	1.6			
Mathematics	13	38	.9	4	12	2.4
Medicine	3	34	.8	1	5	1.0
Music	19	109	2.6	1	1	.2
Nursing	2	2	.1			
Pharmacy	3	5	.1			
Philosophy	12	52	1.2	5	8	1.6
Physical education	15	109	2.6			
Physical sciences (not elsewhere listed)	5	50	1.2	2	5	1.0
Physics	13	64	1.5	7	22	4.4
Political science	16	123	3.0	6	19	3.8

TABLE 27.—Estimated number of advanced earned degrees in continental United States and outlying territories, by degree, field, geographic area: July 1, 1946–June 30, 1948—Continued

F. MOUNTAIN AND PACIFIC STATES—Continued

Field of specialization	First graduate degree			Second graduate degree		
	Number of institutions	Estimated number of degrees	Distribution of degrees	Number of institutions	Estimated number of degrees	Distribution of degrees
<i>Percent</i>						
Psychology	21	125	3.0	4	21	4.2
Religion	7	63	1.5	2	15	3.0
Social sciences (not elsewhere listed)	11	114	2.7	2	4	.8
Sociology	21	54	1.3	1	5	1.0
Speech and dramatic arts	12	83	2.0	3	8	1.6
Veterinary medicine	2	2	.1			
Zoology	15	55	1.3	3	4	.8
Other	4	27	.7			

G. OUTLYING TERRITORIES<sup>1</sup>

Total <sup>2</sup>		14	Percent 100.0		
Agriculture	1	2	14.3		
Biology	1	2	14.3		
Botany	1	1	7.1		
Economics	1	1	7.2		
Education	1	2	14.3		
English	1	2	14.3		
Foreign language, modern	1	2	14.3		
Social sciences (not elsewhere listed)	1	1	7.1		
Sociology	1	1	7.1		

H. IN INSTITUTIONS FOR NEGROES ONLY<sup>3</sup>

Total <sup>2</sup>		481	Percent 100.0		
Agriculture	5	15	3.1		
Biology	2	6	1.3		
Botany	1	1	.2		
Business	2	4	.8		
Chemistry	3	10	2.1		
Economics	1	1	.2		
Education	11	189	39.3		
English	6	27	5.6		
Foreign languages, modern	2	5	1.0		
History	5	23	4.8		
Home economics	6	21	4.4		
Industrial arts	3	4	.8		
Library science	1	20	4.2		
Mathematics	3	22	4.6		
Music	2	3	.6		
Physics	1	1	.2		
Political science	1	1	.2		
Psychology	1	6	1.2		
Religion	1	7	1.5		
Social sciences (not elsewhere listed)	2	104	21.6		
Sociology	5	10	2.1		
Zoology	1	1	.2		

<sup>1</sup> Only Hawaii and Puerto Rico have institutions offering graduate work.

<sup>2</sup> Fields listed are those in which degrees are being granted July 1, 1946–June 30, 1947.

<sup>3</sup> Included also in appropriate geographic area.

TABLE 28.—*Earned degrees granted by institutions of higher education for Negroes only in continental United States, by type of degree, and sex: 1932-44*<sup>1</sup>

	1944	1940	1932
Total—All degrees.....	5,071	5,201	2,501
Men.....	879	2,053	1,282
Women.....	4,192	3,148	1,219
Bachelors and first professional.....	4,939	5,056	2,472
Men.....	833	1,997	1,263
Women.....	4,106	3,059	1,209
Masters and second professional.....	132	145	29
Men.....	46	56	19
Women.....	86	89	10
Doctors.....			
Men.....			
Women.....			

<sup>1</sup> 12-month period ending June 30.

Source: U. S. Office of Education.

TABLE 29.—*Earned degrees granted by institutions of higher education, in continental United States, by type of degree and field: 1936-44*

	12 months ending June 30				Masters and first professional				Doctors and third professional			
	1944	1942	1940	1936	1944	1942	1940	1936	1944	1942	1940	1936
<i>Field</i>												
All	125,875	185,346	186,500	143,125	13,414	24,648	26,731	18,302	2,305	3,497	3,290	2,770
Agriculture and forestry	1,252	5,577	6,226	2,907	196	578	669	95	159	153	153	94
Architecture	223	452	485	520	46	64	98	90	6	—	—	—
Commerce	8,150	18,117	19,036	9,869	262	670	652	697	25	54	37	38
Education	26,499	43,132	44,905	32,359	5,108	9,721	9,578	6,521	359	425	379	305
Engineering	17,785	15,519	14,348	10,629	681	1,033	1,336	1,190	81	129	124	126
Fine arts	1,742	2,000	1,660	1,066	122	51	76	2	—	—	—	1
Home economics	6,652	7,024	5,921	3,541	145	173	200	141	2	4	5	5
Industrial arts	48	147	125	72	—	—	—	—	—	—	—	—
Journalism	897	1,526	1,697	1,163	18	52	48	93	—	1	2	1
LAW	1,394	5,733	7,168	7,423	43	125	340	447	24	35	35	23
Pre-law	(2)	685	751	687	—	—	—	—	—	—	—	—
Library science	854	1,246	1,362	802	25	46	52	52	—	7	3	2
Music	2,519	3,202	3,037	2,034	320	553	368	211	8	6	8	13
Nursing	1,191	893	835	501	67	96	106	2	—	—	—	—
Pharmacy	1,202	1,706	1,473	1,261	22	41	46	20	7	19	11	13
Pre-dentistry	(2)	181	98	102	—	—	—	—	—	—	—	—
Dentistry	2,265	1,878	1,856	1,732	92	73	91	20	—	—	—	—
Pre-medicine	(2)	2,320	2,041	1,884	—	—	—	—	—	—	—	—
Medicine	5,678	6,601	5,490	5,304	134	194	231	169	40	35	35	33
Chemistry	3,711	4,116	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Mathematics and physical science	2,709	3,053	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Biological science	4,622	4,629	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Social science	10,750	15,679	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
English	5,799	8,428	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Modern language	2,047	2,480	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Classical language	428	656	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Theology	1,837	1,727	1,458	1,196	272	335	416	395	94	83	57	82
Theology—medicine	670	547	499	265	5,586	10,829	12,421	7,720	2	—	—	—
All other	19,951	27,092	66,219	57,006	—	—	—	—	—	—	—	—

<sup>1</sup> Advanced degrees granted in colleges of arts and sciences are not reported by field.

<sup>2</sup> Break-down not available; included in "All other."

<sup>3</sup> Incudes also degrees for which information as to fields is not available.

Source: U. S. Office of Education.

TABLE 30.—*Earned degrees granted by institutions of higher education in continental United States and outlying parts, by institutional control, geographic area, and sex: 1932-41*

Year and area	Degrees granted by publically controlled institutions																			
	Degrees granted by all institutions				Total degrees				Bachelors and first professional				Masters and second professional				Doctors and third professional			
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women		
1944																				
Continental United States and outlying parts	142,377	63,801	78,576	69,841	28,199	41,642	63,459	24,879	38,580	5,430	2,505	2,925	952	815	137					
Continental United States	141,504	63,467	78,127	69,121	27,892	41,229	62,732	24,580	38,172	5,417	2,497	2,920	952	815	137					
New England and Middle Atlantic	43,956	21,126	22,830	11,349	3,654	7,695	10,915	3,447	7,468	394	169	225	40	38	2					
North Central	45,033	20,902	24,101	21,430	11,688	13,742	21,933	9,777	12,156	2,814	1,334	1,280	683	577	106					
South Atlantic	18,036	7,587	10,469	10,048	4,109	5,939	9,523	3,811	5,712	461	243	446	64	55	5					
South Central	19,156	6,909	12,247	12,254	4,174	8,080	11,265	3,819	7,446	960	331	629	29	24	9					
West	15,423	6,943	8,480	10,040	4,267	5,773	9,116	3,726	5,380	420	368	368	136	121	15					
Outlying areas	788	334	449	720	307	413	707	299	408	13	8	8	5	5	5					
1940																				
Continental United States and outlying parts	218,262	130,015	88,247	111,720	64,319	47,401	98,139	54,716	43,423	12,214	8,359	3,855	1,367	1,244	123					
Continental United States	216,521	128,915	87,606	110,176	63,390	46,786	96,652	53,829	42,823	12,157	8,317	3,840	1,367	1,244	123					
New England and Middle Atlantic	64,973	40,402	24,571	15,309	7,985	7,324	14,096	7,163	6,943	1,160	782	378	53	50	3					
North Central	68,224	42,056	26,168	41,133	25,746	15,387	34,029	20,585	13,484	6,161	4,299	1,862	943	852	91					
South Atlantic	24,442	13,451	10,991	12,652	6,723	5,929	11,755	6,048	5,707	808	592	216	89	83	6					
South Central	33,231	17,352	15,849	23,341	12,280	11,061	20,951	10,777	2,306	1,429	877	84	77	74	7					
West	25,631	15,624	10,027	17,741	10,656	7,085	15,821	9,259	6,562	1,722	1,215	507	198	182	16					
Outlying areas	1,741	1,100	641	1,544	929	615	1,487	887	600	57	42	16	16	16	16					
1932																				
Continental United States and outlying parts	160,714				71,996				63,267	35,310	27,937	7,767				962				
Continental United States	160,302				71,584				62,875	35,088	27,787	7,747				962				
New England and Middle Atlantic	53,368				8,216				7,656	3,974	3,682	546				14				
North Central	53,022				31,282				26,089	15,323	10,766	4,518				675				
South Atlantic	17,111				(2)				7,628	4,720	2,908	675				(2)				
South Central	18,560				11,661				10,677	5,564	5,123	965				(2)				
West	18,240				12,180				10,825	5,517	5,308	1,153				202				
Outlying areas	412								392	222	170	20								

TABLE 30.—Earned degrees granted by institutions of higher education in continental United States and outlying areas, by institutional control, geographic area, and sex: 1932-44—Continued

Year and area	Degrees granted by privately controlled institutions						Doctors and third professional					
	Total degrees			Bachelors and first professional			Masters and second professional			Institutions		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1944												
Continental United States and outlying parts	72,536	35,602	36,934	63,186	31,323	31,863	7,997	3,214	4,783	1,353	1,065	288
Continental United States	72,473	35,575	36,898	63,123	31,296	31,827	7,997	3,214	4,783	1,353	1,065	288
New England and Middle Atlantic	32,607	17,472	15,135	27,802	14,961	12,121	4,654	1,831	2,823	871	680	191
North Central	19,573	9,214	10,359	17,683	8,467	9,216	1,694	1,100	196	153	43	31
South Atlantic	8,008	3,473	4,530	7,199	3,001	4,198	660	239	149	118	49	9
South Central	6,902	2,735	4,167	6,382	2,550	4,622	336	136	236	233	79	14
West	5,383	2,676	2,707	4,777	2,317	2,460	527	234	234	79	65	14
Outlying areas	63	27	36	63	27	36	36	36	36	36	36	36
1940												
Continental United States and outlying parts	106,542	65,696	40,846	90,044	55,887	34,157	14,575	8,192	6,383	1,923	1,617	306
Continental United States	106,345	65,525	40,820	89,848	55,717	34,131	14,574	8,191	6,383	1,923	1,617	306
New England and Middle Atlantic	49,664	32,417	17,247	39,385	26,338	13,047	9,005	5,009	3,986	1,274	1,070	204
North Central	27,091	16,310	10,781	24,352	14,746	9,606	2,447	1,321	1,126	292	243	49
South Atlantic	11,790	6,728	5,062	10,544	5,903	4,641	1,075	683	302	171	142	29
South Central	9,890	5,102	4,788	8,810	4,526	4,284	1,017	525	402	63	51	12
West	7,910	4,968	2,942	6,757	4,204	2,653	1,030	633	377	123	111	12
Outlying areas	197	171	26	196	170	26	1	1	1	1	1	1
1932												
Continental United States and outlying parts	88,718			75,188	48,183	27,005	11,592			1,938		
Continental United States	88,718			75,188	48,183	27,005	11,592			1,938		
New England and Middle Atlantic	45,153			36,195	25,051	11,144	7,655			1,303		
North Central	21,740			19,952	12,191	7,781	1,493			295		
South Atlantic	8,866			7,898	4,523	3,375	772			216		
South Central	6,899			6,150	3,231	2,919	717			32		
West	6,060			4,993	3,187	1,806	975			92		
Outlying areas												

<sup>1</sup> 12-month period ending June 30.

<sup>2</sup> Not available.

Source: U. S. Office of Education.

## SECTION VI

# Faculty of Higher Education

**TABLE 31.—Faculty<sup>1</sup> in institutions of higher education in continental United States and outlying parts, by institutional control: 1900–44<sup>2</sup>**

Year (12 months ending June 30)	Continental United States and Outlying Parts	Continental United States			Outlying parts		
		Total	Publicly controlled	Privately controlled	Total	Publicly controlled	Privately controlled
1944	135, 252	134, 451	65, 069	69, 382	801	777	24
1942	134, 946	134, 137	65, 477	68, 660	809	781	28
1940	133, 153	131, 552	62, 305	69, 247	1, 601	1, 428	173
1938	125, 013	123, 677	58, 490	65, 187	1, 336	1, 197	139
1936	111, 554	110, 225	51, 148	59, 077	1, 329	1, 246	83
1934	100, 436	99, 935	46, 169	53, 766	501	501	—
1932	101, 189	100, 789	48, 449	52, 340	400	272	128
1930	83, 045	82, 386	60, 062	22, 324	659	501	158
1920	48, 770	48, 615	(2)	(2)	155	(2)	(2)
1910	(3)	36, 480	(2)	(2)	(2)	(2)	(2)
1900	(2)	23, 868	(2)	(2)	(2)	(2)	(2)

<sup>1</sup> Includes instructional and administrative personnel for regular session; does not include summer session.

<sup>2</sup> Data reported for 1900, 1910, and 1920 are total numbers; data for all other years are total numbers reduced to full-time basis, i. e., full-time equivalents.

<sup>3</sup> Not available.

Source: U. S. Office of Education.

**TABLE 32.—Faculty<sup>1</sup> in institutions of higher education, continental United States and outlying parts, by type of institution,<sup>2</sup> institutional control, and sex: 1932–40<sup>3</sup>**

	1940			1936			1932		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Continental United States and outlying parts	133, 153	95, 753	37, 400	111, 554	79, 296	32, 258	101, 189	71, 952	29, 237
Colleges and universities	67, 914	55, 666	12, 248	56, 829	46, 940	9, 889	52, 500	43, 404	9, 096
Arts and sciences	24, 380	14, 453	9, 927	20, 642	11, 962	8, 680	18, 962	11, 135	7, 827
Professional and technical	15, 485	12, 810	2, 675	12, 290	10, 090	2, 200	9, 523	8, 303	1, 220
Teachers and normal	11, 740	5, 343	6, 397	11, 194	4, 593	6, 601	11, 272	4, 375	6, 897
Junior	9, 704	5, 143	4, 561	7, 450	3, 821	3, 629	6, 331	3, 230	3, 101
Negro	3, 930	2, 338	1, 592	3, 149	1, 890	1, 259	2, 601	1, 505	1, 096
<hr/>									
<b>PUBLICLY CONTROLLED</b>									
Continental United States and outlying parts	63, 733	45, 045	18, 688	52, 394	36, 041	16, 353	48, 849	32, 751	16, 098
Colleges and universities	37, 463	29, 465	7, 998	30, 089	23, 671	6, 418	27, 364	21, 413	5, 951
Arts and sciences	2, 131	1, 002	1, 129	1, 532	617	915	1, 898	903	995
Professional and technical	6, 610	5, 396	1, 214	5, 408	4, 431	977	4, 800	3, 893	907
Teachers and normal	10, 793	5, 024	5, 769	10, 376	4, 335	6, 041	10, 506	4, 084	6, 422
Junior	5, 038	3, 178	1, 860	3, 717	2, 269	1, 448	3, 151	1, 837	1, 314
Negro	1, 698	980	718	1, 272	718	554	1, 130	621	509
<hr/>									
<b>PRIVATELY CONTROLLED</b>									
Continental United States and outlying parts	60, 420	50, 708	18, 712	59, 160	43, 255	15, 905	52, 340	39, 201	13, 139
Colleges and universities	30, 451	26, 201	4, 250	26, 740	23, 269	3, 471	25, 136	21, 991	3, 145
Arts and sciences	22, 249	13, 451	8, 798	19, 110	11, 345	7, 765	17, 064	10, 232	6, 832
Professional and technical	8, 875	7, 414	1, 461	6, 882	5, 659	1, 223	4, 723	4, 410	313
Teachers and normal	947	319	628	818	258	560	766	291	475
Junior	4, 666	1, 965	2, 701	3, 733	1, 552	2, 181	3, 180	1, 393	1, 787
Negro	2, 232	1, 358	874	1, 877	1, 172	705	1, 471	884	587

<sup>1</sup> Faculty includes instructional and administrative personnel reduced to full-time basis.

<sup>2</sup> Information for any type of institution is reported in the appropriate category only; types of institutions are mutually exclusive. "Colleges and universities" are institutions of complex organization. "Arts and sciences" are institutions offering liberal arts 4-year degrees. "Professional and technical" institutions are those independently controlled. "Negro" includes institutions of all types for Negroes only. "Junior Colleges" are nondegree-granting institutions of higher education not elsewhere classified.

<sup>3</sup> 12 months ending June 30 of the year specified.

Source: U. S. Office of Education.

TABLE 33.—*Full-time faculty in institutions of higher education,<sup>1</sup> by type of institution,<sup>2</sup> institutional control, and sex: Year 1940<sup>3</sup>*

State or Territory	Total public and private		Publicly controlled										Privately controlled																	
			* Total		Colleges and universities		Arts and sciences		Professional and technical		Teachers and normal		Junior		Negro		Total		Colleges and universities		Arts and sciences		Professional and technical		Teachers and normal		Junior		Negro	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women						
Continental United States and outlying parts.....	95,753	37,400	45,045	18,688	29,465	7,998	1,002	1,129	5,396	1,214	5,024	5,769	3,178	1,860	980	718	50,708	18,712	26,201	4,250	13,451	8,798	7,414	1,461	319	628	1,965	2,701	1,358	874
Continental United States.....	94,536	37,016	43,971	18,334	28,440	7,653	965	1,123	5,396	1,214	5,024	5,769	3,166	1,857	980	718	50,565	18,682	26,201	4,250	13,376	8,779	7,346	1,450	319	628	1,965	2,701	1,358	874
Alabama.....	1,396	741	948	495	804	264	24	86	.....	.....	75	87	.....	.....	45	58	448	246	.....	.....	169	98	15	25	.....	.....	62	17	202	106
Arizona.....	313	131	313	131	211	55	.....	.....	.....	.....	66	62	36	14	.....	.....	184	124	.....	.....	144	83	12	.....	.....	.....	13	27	28	28
Arkansas.....	813	412	629	288	432	142	30	14	22	8	45	47	53	50	47	27	2,883	1,040	1,376	422	616	429	782	81	.....	109	108	37	37	37
California.....	7,077	2,648	4,194	1,608	2,620	712	.....	.....	56	2	375	290	1,143	604	.....	.....	264	171	130	73	78	39	22	.....	.....	17	17	17	17	
Colorado.....	961	439	697	268	473	155	.....	.....	70	6	101	74	47	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Connecticut.....	1,461	516	219	219	184	53	.....	.....	.....	.....	35	166	.....	.....	1,242	297	896	128	213	114	59	17	13	11	61	27	27	27	27	
Delaware.....	139	52	131	51	115	35	.....	.....	.....	.....	16	16	8	1	.....	.....	.....	.....	.....	.....	8	1	.....	.....	.....	.....	.....	.....		
District of Columbia.....	1,295	465	23	69	.....	.....	.....	.....	10	33	.....	.....	13	36	1,272	396	902	75	109	113	90	28	2	19	9	113	160	48	48	
Florida.....	774	424	564	285	463	79	42	168	.....	.....	4	5	55	33	210	139	.....	.....	169	75	13	11	28	63	63	63	63			
Georgia.....	1,434	804	885	431	390	174	33	105	224	7	34	29	145	56	59	60	549	373	129	11	169	201	59	3	46	44	146	144		
Idaho.....	455	146	406	122	297	44	.....	.....	.....	.....	27	33	82	45	.....	.....	49	24	.....	.....	37	20	.....	.....	12	4	12	15		
Illinois.....	6,018	2,212	1,839	787	1,282	335	.....	.....	.....	.....	353	353	204	99	4,179	1,425	2,482	357	772	560	746	323	64	70	115	115	115	115		
Indiana.....	2,441	744	1,836	343	1,200	208	.....	.....	2	2	137	131	17	2	1,085	401	408	47	432	286	196	37	22	23	27	8	8	8	8	
Iowa.....	2,046	860	1,426	472	572	156	.....	.....	656	191	82	33	116	92	.....	.....	620	388	76	44	465	239	25	1	54	84	84	84	84	
Kansas.....	1,502	798	1,126	526	246	63	121	57	499	200	133	106	127	100	.....	.....	376	272	.....	.....	303	212	8	2	63	63	63	63		
Kentucky.....	1,282	766	974	346	719	160	.....	.....	204	157	13	6	38	23	308	420	.....	.....	187	216	55	6	16	30	50	168	168	168		
Louisiana.....	1,637	764	925	452	618	183	26	19	155	122	55	63	71	65	65	712	312	576	157	53	87	18	30	65	65	65	65			
Maine.....	475	248	278	162	243	63	.....	.....	.....	.....	35	99	197	86	197	86	165	52	8	1	24	33	23	33	23	33	23	33		
Maryland.....	1,695	651	650	242	576	576	105	.....	.....	.....	21	66	12	53	59	1,045	409	660	75	272	219	104	65	9	50	9	50	9	50	
Massachusetts.....	5,383	1,575	400	319	.....	.....	.....	.....	294	69	106	250	.....	.....	4,983	1,256	3,184	279	741	702	972	56	18	70	68	149	149	149	149	
Michigan.....	2,697	1,023	2,106	757	1,696	399	.....	.....	80	2	238	288	92	68	.....	.....	591	266	237	5	278	210	65	35	11	12	12	12		
Minnesota.....	2,054	925	1,472	557	1,224	300	.....	.....	130	187	118	70	.....	.....	582	368	.....	.....	432	280	125	73	13	15	12	12	12	12		
Mississippi.....	832	688	699	441	455	130	23	85	.....	.....	48	51	147	188	26	17	133	197	.....	.....	64	66	23	23	23	23	23	23		
Missouri.....	2,708	1,199	1,615	479	640	153	.....	.....	235	215	80	84	60	27	1,693	720	1,065	264	229	124	178	52	221	280	280	280	280	280		
Montana.....	345	144	298	110	85	19	.....	.....	181	43	21	37	11	11	47	34	.....	.....	40	12	6	19	1	3	3	3	3	3		
Nebraska.....	1,056	480	638	314	524	186	.....	.....	102	120	12	8	.....	.....	418	166	236	43	142	116	8	1	15	1	17	5	5	5	5	
Nevada.....	104	25	104	25	104	25	.....	.....	.....	.....	102	120	12	8	.....	.....	310	198	.....	.....	216	117	70	11	29	41	145	145	145	
New Hampshire.....	622	193	271	130	243	71	.....	.....	92	9	119	159	35	18	1,517	293	950	135	223	80	280	37	7	6	57	35	35	35	35	
New Jersey.....	1,763	479	246	186	.....	.....	92	9	119	159	35	18	1,517	293	950	135	223	80	280	37	7	6	57	35	35	35	35			
New Mexico.....	393	107	393	107	112	15	.....	.....	146	39	50	42	85	11	.....	.....	418	166	236	43	142	116	8	1	15	1	17	5	5	5
New York.....	11,615	3,586	1,732	1,096	1,526	683	.....	.....	206	413	6	2	128	86	9,883	2,490	7,150	1,218	1,098	802	1,524	225	70	100	41	145	145	145	145	
North Carolina.....	2,283	1,124	1,275	475	372	18	55	114	600	136	114	6	2	128	86	1,068	649	437	72	291	238	.....	5	29	180	225	95	70		
North Dakota.....	503	226	477	208	139	31	.....	.....	210	56	93	112	35	9	.....	.....	26	18	.....	.....	26	18	.....	.....	.....	.....	.....	.....		
Ohio.....	4,864	1,670	2,479	636	2,821	524	198	112	.....	.....	522	285	112	70	41	29	322	303	.....	.....	206	171	13	9	11	33	92	90	90	
Oklahoma.....	1,295	680	1,111	573	717	266	11	49	19	6	190	148	136	79	38	25	184	107	55	21	99	67	9	18	19	19	19	19		
Oregon.....	923	398	613	200	531	125	.....	.....	44	6	38	69	.....	.....	310	198	.....	.....	216	117	70	11	29	41	41	41	41	41		
Pennsylvania.....	7,013	2,045	1,130	570	772	170	.....	.....	337	388	12	3	9	9	5,883	1,475	2,991	383	1,494	806	1,283	184	85	101	30	1	1	1	1	
Rhode Island.....	483	117	123	74	102	26	.....	.....	21	48	.....	.....	360	43	191	15	71	98	28	.....	.....	.....	.....	.....	.....	.....	.....	.....		
South Carolina.....	1,047	523	725	220	110	22	52	84	522	85	41	29	322	303	.....	.....	206	171	13	9	11	33	92	90	90	90	90			
South Dakota.....	533	263	410	166	90	13	.....	.....	244	65	76	88	.....	.....	123	97	.....	.....	103	51	.....	.....	15	46	46	46	46			
Tennessee.....	1,804	800	865	325	700	194	.....	.....	32	9	100	93	33	29	989	475	224	25	355	198	8	51	57	88	88	126	192	61		
Texas.....	3,772	1,778	2,537	1,156	1,664	489	54	122	93	50	357	285	286	169	83	41	1,235	262	550	112	341	287	94	9	112	93	138	111		
Utah.....	695	255	463	159	361	120	102	263	71	.....	.....	102	39	132	66	105	45	1	20	12	17	14	14	14	14	14	14			
Vermont.....	445	168	272	102	263	71	.....	.....	9	31	.....	.....	173	66	147	147	147	147	147	147	147	147	147	147	147	147	147	147		
Virginia.....	1,878	976	1,323	454	358	41	196	51	545	101	117	210	.....	.....	107	51	555	522	73	26	259	188	32	8	64	208	127	92		
Washington.....	1,129	466	752	307	655	219	.....	.....	90	84	7	4	6	58	27	377	159	159	100	337	100	34	34	34	34	34	34	34	34	
West Virginia.....	794	396	638	297	369	118	100	57	.....	.....	96	89	15	6	58	27	668	342	199	30	274	210	52	20	1</					

<sup>1</sup> Includes instructional and administrative personnel reduced to full-time basis.

<sup>2</sup> Information for any one type of institution is reported in the appropriate category only; types of institutions are mutually exclusive. "Colleges and universities" are institutions of college or university organization. "Arts and sciences" are institutions offering liberal arts 4-year degrees. "Professional and technical" institutions are those independently constituted. "Negro" included institutions of all types for Negroes only. "Junior colleges" are nondegree-granting institutions not elsewhere classified.

Source: U. S. Office of Education.



TABLE 34.—*Faculty<sup>1</sup> in institutions of higher education in continental United States and outlying parts, by institutional control, geographic area, and sex: 1900–1940<sup>2</sup>*

	All institutions			Publicly controlled			Privately controlled		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1940									
Continental United States and outlying parts	133,153	95,753	37,400	63,733	45,045	18,688	69,420	50,708	18,712
Continental United States	131,552	94,536	37,016	62,305	43,971	18,334	69,247	50,565	18,682
New England and Mid-Atlantic	38,504	29,577	8,927	7,846	4,988	2,858	30,658	24,589	6,069
North Central	39,319	28,039	11,280	21,176	15,393	5,783	18,143	12,646	5,497
South Atlantic	17,041	11,626	5,415	9,025	6,501	2,524	8,016	5,125	2,891
South Central	19,410	12,831	6,579	12,764	8,688	4,076	6,646	4,143	2,503
West	17,278	12,463	4,815	11,494	8,401	3,093	5,784	4,062	1,722
Outlying parts	1,601	1,217	384	1,428	1,074	354	173	143	30
1936									
Continental United States and outlying parts	111,554	79,296	32,258	52,394	36,041	16,353	59,160	43,255	15,905
Continental United States	110,225	78,316	31,909	51,148	35,125	16,023	59,077	43,191	15,886
New England and Mid-Atlantic	33,199	25,273	7,926	6,768	4,024	2,744	26,431	21,249	5,182
North Central	32,969	23,056	9,913	17,680	12,531	5,149	15,289	10,525	4,764
South Atlantic	14,545	9,842	4,703	7,318	5,066	2,252	7,227	4,776	2,451
South Central	15,323	9,862	5,461	9,837	6,544	3,293	5,486	3,318	2,168
West	14,189	10,283	3,906	9,545	6,960	2,585	4,644	3,323	1,321
Outlying parts	1,329	980	349	1,246	916	330	83	64	19
1930									
Continental United States and outlying parts	83,045	60,563	22,482	36,101	24,536	11,565	46,944	36,031	10,913
Continental United States	82,386	60,062	22,324	35,460	24,051	11,409	46,926	36,015	10,911
New England and Mid-Atlantic	25,692	20,102	5,590	5,064	2,879	2,185	20,628	17,227	3,401
North Central	26,584	18,955	7,629	13,895	9,712	4,183	12,689	9,243	3,446
South Atlantic	9,717	6,910	2,807	4,379	3,260	1,119	5,338	3,650	1,688
South Central	10,280	6,740	3,540	5,673	3,704	1,969	4,607	3,036	1,571
West	10,113	7,355	2,758	6,449	4,496	1,953	3,664	2,859	805
Outlying parts	659	501	158	641	485	156	18	16	2

ALL INSTITUTIONS, 1900–1920<sup>3</sup>

	1920 <sup>3</sup>			1910 <sup>4</sup>	1900 <sup>4</sup>
	Total	Men	Women		
Continental United States and outlying parts					
Continental United States	48,770	35,799	12,971		
New England and Mid-Atlantic	15,314	12,154	3,160	11,424	6,679
North Central	16,529	11,667	4,862	13,096	8,866
South Atlantic	6,076	4,375	1,701	4,401	3,058
South Central	5,591	3,646	1,945	4,570	3,115
West	5,105	3,889	1,216	2,989	2,150
Outlying parts	155	68	87	(*)	(*)

<sup>1</sup> Includes instructional and administrative personnel. Data reported for 1900, 1910, and 1920 are total numbers; data for all other years are total numbers reduced to full-time basis; i. e., full-time equivalents.

<sup>2</sup> 12 months ending June 30 of year specified.

<sup>3</sup> Detail by institutional control not available.

<sup>4</sup> Detail by institutional control and by sex not available.

<sup>5</sup> Data for outlying parts not available.

Source: U. S. Office of Education.

TABLE 35.—Percentage of teaching staff holding earned doctorates<sup>1</sup>, December 1, 1945  
305 institutions of higher education ranked and ranks converted to percentiles<sup>2</sup>

Institutions ranked by percentiles	Percent of staff	Institutions ranked by percentiles	Percent of staff	Institutions ranked by percentiles	Percent of staff
100	73.33	66	41.04	32	26.48
99	69.92	65	40.61	31	25.96
98	64.92	64	40.17	30	25.43
97	62.38	63	39.75	29	24.92
96	59.90	62	39.34	28	24.44
95	58.38	61	38.92	27	23.96
94	56.85	60	38.51	26	23.49
93	55.32	59	38.10	25	23.01
92	54.54	58	37.69	24	22.53
91	53.96	57	37.28	23	22.06
90	53.37	56	36.86	22	21.58
89	52.78	55	36.45	21	21.10
88	52.19	54	36.04	20	20.62
87	51.61	53	35.63	19	20.15
86	51.02	52	35.22	18	19.38
85	50.43	51	34.81	17	18.48
84	49.86	50	34.42	16	17.59
83	49.31	49	34.03	15	16.69
82	48.77	48	33.64	14	15.79
81	48.22	47	33.25	13	14.84
80	47.68	46	32.86	12	13.45
79	47.13	45	32.47	11	12.07
78	46.59	44	32.08	10	10.68
77	46.04	43	31.69	9	9.22
76	45.50	42	31.30	8	7.70
75	44.97	41	30.90	7	6.18
74	44.53	40	30.51	6	
73	44.10	39	30.12	5	
72	43.66	38	29.64	4	
71	43.22	37	29.11	3	
70	42.79	36	28.59	2	
69	42.35	35	28.06	1	
68	41.92	34	27.54	0	
67	41.48	33	27.01		

<sup>1</sup> Includes teachers in fields where the normal objective of an individual's training is the earned doctorate. Excludes fields of dentistry, engineering, fine arts, law, medicine, music, nursing, and pharmacy.

<sup>2</sup> Table to be read as follows: "100 percent of the institutions had 73.33 percent or less of teaching staff with earned doctorates", "25 percent of the institutions had 23.01 percent or less of teaching staff with earned doctorates."

Source: North Central Association of Colleges and Secondary Schools, study of member institutions.

NOTE.—Data used in preparing chart 2, vol. IV of Report of the President's Commission on Higher Education.

TABLE 36.—Resident enrollment and total faculty, institutions of higher education in continental United States: 1910-60

Year ending June 30—	Resident enrollment (to nearest 1,000) <sup>1</sup>	Total faculty (to nearest 100) <sup>2</sup>	Average number of students per faculty member
1910	355,000	36,500	9.7
1916	441,000	43,600	10.1
1920	598,000	48,600	12.3
1926	1,037,000	73,700	14.1
1930	1,101,000	82,400	13.4
1936	1,208,000	110,200	11.0
1940	1,494,000	131,600	11.4
1947	2,354,000	155,000	15.2
Goals of President's Commission on Higher Education for:			
1952	3,885,000	300,000	13.0
1960	4,600,000	350,000	13.1

<sup>1</sup> Excludes: (a) enrollment in summer sessions, (b) nonresident collegiate enrollments in correspondence and extension work, and (c) enrollment in nurse-training institutions not affiliated with colleges and universities; excludes duplicates.

<sup>2</sup> Data reported for 1910 and 1920 are total numbers; data for all other years are total numbers reduced to full-time basis, i. e., full-time equivalents.

Source: Data for 1910-40, and 1947 enrollment from U. S. Office of Education.

NOTE.—Data used in preparing chart 1, vol. IV of Report of the President's Commission on Higher Education.

TABLE 37.—*Median annual salary of instructional staff<sup>1</sup> on a 9-month basis as of December 1, 1945, 257 institutions of higher education ranked, and ranks converted to percentiles<sup>2</sup>*

Institutions ranked by percentile	Median annual instructional salary (9-month basis)	Institutions ranked by percentile	Median annual instructional salary (9-month basis)	Institutions ranked by percentile	Median annual instructional salary (9-month basis)
100	\$4,200	66	\$2,923	32	\$2,424
99	4,137	65	2,907	31	2,410
98	4,034	64	2,891	30	2,392
97	3,786	63	2,875	29	2,371
96	3,734	62	2,858	28	2,350
95	3,683	61	2,842	27	2,328
94	3,632	60	2,826	26	2,307
93	3,560	59	2,810	25	2,285
92	3,458	58	2,795	24	2,264
91	3,388	57	2,781	23	2,243
90	3,356	56	2,767	22	2,221
89	3,326	55	2,753	21	2,200
88	3,296	54	2,739	20	2,180
87	3,266	53	2,726	19	2,159
86	3,236	52	2,712	18	2,138
85	3,205	51	2,698	17	2,118
84	3,188	50	2,684	16	2,097
83	3,174	49	2,670	15	2,076
82	3,160	48	2,656	14	2,056
81	3,146	47	2,642	13	2,035
80	3,131	46	2,628	12	2,015
79	3,117	45	2,614	11	1,994
78	3,103	44	2,600	10	1,970
77	3,088	43	2,586	9	1,947
76	3,074	42	2,571	8	1,924
75	3,060	41	2,556	7	1,900
74	3,046	40	2,542	6	1,877
73	3,031	39	2,527	5	1,853
72	3,017	38	2,512	4	1,830
71	3,003	37	2,498	3	1,806
70	2,987	36	2,483	2	1,676
69	2,971	35	2,468	1	1,457
68	2,955	34	2,454	0	1,310
67	2,939	33	2,439		

<sup>1</sup> Limited to full-time appointees.

<sup>2</sup> Table to be read as follows: "100 percent of the institutions had median instructional salaries, on a 9-month basis, of \$4,200 per year or less." "25 percent of the institutions had median instructional salaries, on a 9-month basis, of \$2,285 per year or less."

Source: North Central Association of Colleges and Secondary Schools, study of member institutions.

NOTE.—Data used in preparing chart 4, vol. IV of Report of the President's Commission on Higher Education.

TABLE 38.—*Median annual salaries in 51 land-grant institutions by academic rank (9-month basis): 1929-42*

Academic year (ending in June)	Professors	Associate professors	Assistant professors	Instructors
Median annual salaries (9 months basis)				
1929	\$4,278	\$3,342	\$2,738	\$2,047
1930	4,457	3,349	2,818	2,060
1931	4,513	3,362	2,837	2,066
1935	3,775	2,903	2,449	1,769
1936	3,951	2,973	2,486	1,792
1937	4,166	3,144	2,556	1,842
1938	4,163	3,189	2,592	1,892
1940	4,245	3,272	2,605	1,937
1942	4,302	3,324	2,645	1,862

Source: U. S. Office of Education.

NOTE.—Data used in preparing chart 5, vol. IV of Report of the President's Commission on Higher Education.

TABLE 39.—*Ratio of equivalent number of full-time students to the equivalent number of full-time teaching staff members, December 1, 1945, 289 institutions of higher education ranked, and ranks converted to percentiles*<sup>1</sup>

Institutions ranked by percentile	Students per teacher	Institutions ranked by percentile	Students per teacher	Institutions ranked by percentile	Students per teacher
100	3.8	66	10.6	32	14.2
99	4.4	65	10.7	31	14.4
98	5.1	64	10.8	30	14.5
97	5.7	63	10.9	29	14.7
96	6.1	62	11.0	28	14.8
95	6.3	61	11.2	27	15.0
94	6.5	60	11.3	26	15.2
93	6.7	59	11.4	25	15.3
92	6.9	58	11.5	24	15.5
91	7.1	57	11.6	23	15.6
90	7.3	56	11.7	22	15.8
89	7.5	55	11.8	21	16.0
88	7.7	54	11.9	20	16.2
87	7.9	53	12.0	19	16.4
86	8.1	52	12.1	18	16.6
85	8.2	51	12.2	17	16.8
84	8.3	50	12.3	16	17.1
83	8.5	49	12.4	15	17.3
82	8.6	48	12.5	14	17.5
81	8.7	47	12.6	13	17.7
80	8.9	46	12.7	12	17.9
79	9.0	45	12.8	11	18.4
78	9.2	44	12.9	10	18.8
77	9.3	43	13.0	9	19.3
76	9.4	42	13.1	8	19.8
75	9.6	41	13.2	7	20.6
74	9.7	40	13.3	6	21.6
73	9.9	39	13.4	5	22.6
72	10.0	38	13.5	4	23.8
71	10.1	37	13.6	3	24.9
70	10.2	36	13.7	2	26.2
69	10.3	35	13.8	1	31.1
68	10.4	34	13.9	0	47.6
67	10.5	33	14.0		

<sup>1</sup> Table to be read as follows: "100 percent of the institutions had 3.8 students per teacher or more", "25 percent of the institutions had 15.3 students per teacher or more."

Source: North Central Association of Colleges and Secondary Schools, study of member institutions.

NOTE.—Data used in preparing chart 3, vol. IV, Report of the President's Commission on Higher Education.

TABLE 40.—*Study of faculty characteristics and opinions*

A. INSTITUTIONS PARTICIPATING IN STUDY, BY TYPE

*State Universities*

University of Kentucky, Lexington, Ky.  
Indiana University, Bloomington, Ind.  
West Virginia University, Morgantown, W. Va.

*Land-Grant Colleges*

Michigan State College, E. Lansing, Mich.  
Pennsylvania State College, State College, Pa.  
State University of Iowa, Iowa City, Iowa.

*Municipal Colleges*

University of Cincinnati, Cincinnati, Ohio.  
Wayne University, Detroit, Mich.  
University of Pittsburgh, Pittsburgh, Pa.

*Liberal Arts Colleges*

Oberlin College, Oberlin, Ohio.  
Wabash College, Crawfordsville, Ind.  
Grove City College, Grove City, Pa.  
Augustana College, Rock Island, Ill.  
University of Miami, Coral Gables, Fla.

*Technical School*

Case School of Applied Science, Cleveland, Ohio.

Source: Study made by American Council of Learned Societies, American Council on Education, National Research Council, Social Science Research Council.

*Teachers Colleges*

Ball State Teachers College, Muncie, Ind.  
Michigan State Normal College, Ypsilanti, Mich.  
State Teachers College, Indiana, Pa.

*Junior Colleges*

Junior College of Connecticut, Bridgeport, Conn.  
Wright Junior College, Chicago, Ill.  
Grand Rapids Junior College, Grand Rapids, Mich.  
Fairleigh-Dickenson Junior College, Rutherford, N. J.  
Grove City College, Grove City, Pa.

*Negro Colleges*

Lincoln University, Lincoln University, Pa.  
Miner Teachers College, Washington, D. C.

*Women's Colleges*

Pennsylvania College for Women, Pittsburgh, Pa.  
Vassar College, Poughkeepsie, N. Y.

*Men's Colleges*

Franklin and Marshall College, Lancaster, Pa.  
Princeton University, Princeton, N. J.

B. DISTRIBUTION OF FACULTY PARTICIPATING IN SURVEY, BY RANK

[10 percent, systematic sample of full-time teaching personnel]

	Rank			Number	Percent of sample
Full professor.....				155	23.20
Associate professor.....				131	19.61
Assistant professor.....				161	24.10
Instructor.....				205	30.69
Lecturer.....				2	.30
Other or unspecified.....				14	2.10
Total.....				668	100.00

C. PERCENT DISTRIBUTION OF FACULTY, BY SALARY,<sup>1</sup> AND AGE

Age	Average salary	Under \$1,750	\$1,750-\$2,499	\$2,500-\$3,499	\$3,500-\$4,999	\$5,000-\$7,499	\$7,500 and over	All salaries
All ages.....	\$3,867	1.05	17.37	44.27	28.40	8.00	0.91	100.00
Under 25 years.....	2,250	.45	3.18	1.66	-----	-----	-----	5.29
25 to 34 years.....	3,126	.15	3.47	17.83	8.31	.45	-----	30.21
35 to 49 years.....	4,219	.45	10.27	20.85	9.21	.45	-----	41.24
50 years and over.....	4,601	-----	.45	3.93	10.88	7.10	.91	23.26
Average age, years.....	23.8	28.5	35.3	43.9	48.4	51.0	40.5	

<sup>1</sup> Salary or salary equivalent on a 9-month basis. Rank and salary showed a high positive correlation, as did all other characteristics with salary.

D. PERCENT DISTRIBUTION OF FACULTY, BY SALARY,<sup>1</sup> AND BY SEX

Sex	Average salary	Under \$1,750	\$1,750-\$3,499	\$2,500-\$3,499	\$3,500-\$4,999	\$5,000-\$7,499	\$7,500 and over	All salaries
Men.....	\$4,052	0.5	2.9	25.6	34.9	15.8	1.3	81.0
Women.....	3,099	.2	4.7	8.1	5.3	.7	-----	19.0
Total.....	-----	-----	-----	-----	-----	-----	-----	100.0

<sup>1</sup> See table 40 C.

TABLE 40.—*Study of faculty characteristics and opinions*—ContinuedE. PERCENT DISTRIBUTION OF FACULTY, BY SALARY<sup>1</sup> AND HIGHEST EARNED DEGREE<sup>2</sup>

Highest earned degree	Average salary	Under \$1,750	\$1,750-\$2,499	\$2,500-\$3,499	\$3,500-\$4,999	\$5,000-\$7,499	\$7,500 and over	All salaries
Second graduate or professional degree	\$4,547	0.6	7.2	23.0	14.1	1.1	46.0	
First graduate or professional degree	3,403	3.0	20.3	14.9	2.3			40.5
Bachelor's degree	2,968	0.6	3.9	6.2	2.2	.1	.3	13.3
No degree	4,325			.1		.1		.2
Total								100.0

<sup>1</sup> See table 40 C.<sup>2</sup> Second graduate or professional degree includes Ph. D's, and professional degrees based on 2 or more years of study beyond bachelor's. First graduate or professional degree includes master's and professional degrees based on 1 or more years of study beyond bachelor's.F. PERCENT DISTRIBUTION AND AVERAGE SALARY<sup>1</sup> OF FACULTY BY COLLEGIATE TEACHING EXPERIENCE

Collegiate teaching experience	Percent of total	Average salary
Under 2 years	14.1	\$2,703
2 to 5 years	20.5	3,205
5 to 10 years	16.8	3,743
10 to 20 years	23.1	4,323
20 years and over	25.5	4,733

<sup>1</sup> See table 40 C.

## G. AVERAGE YEARS OF TEACHING EXPERIENCE OF FACULTY, BY LEVEL OF EXPERIENCE

Level of experience	Average years of experience
Collegiate	11.8
Secondary school	2.1
Elementary school	.4
Total	14.3

H. AVERAGE SALARY<sup>1</sup> AND DISTRIBUTION OF FACULTY, BY NUMBER OF YEARS<sup>2</sup> IN INSTITUTION (TO JUNE 30, 1947)

Number of years in institution	Average salary	Percent
1½ years or less	\$3,083	33
Over 1½ to 5 years	3,631	16
5 to 10 years	4,081	15
10 to 20 years	4,510	18
20 years and over	4,643	18

<sup>1</sup> See table 40 C.<sup>2</sup> Exclusive of leaves of absence.

TABLE 40.—*Study of faculty characteristics and opinions*—ContinuedK. DISTRIBUTION,<sup>1</sup> OF FACULTY RESPONSES TO QUESTIONS ON ATTITUDES TOWARD THE TEACHING PROFESSION AND OPINIONS ABOUT THEIR JOBS, BY SALARY

## 1. How would you rate the opportunities your institution offers faculty members of ability?

Opinion	Distribution of responses						
	All salaries	Under \$1,750	\$1,750-\$2,499	\$2,500-\$3,499	\$3,500-\$4,999	\$5,000-\$7,499	\$7,500 and over
Excellent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
22.7		0.9	5.3	10.5	5.7		0.3
Fairly good	61.1	0.5	4.2	21.1	24.4	10.1	.8
Poor	13.8	.2	1.1	5.8	5.7	.9	.1
Very poor	2.4		.2	1.3	.3	.5	
Total	100.0						

## 2. Do you consider that your present assignment in your institution is as important as any other assignment you might have been given?

As important as any other assignment I might have	70.7	0.5	4.6	22.9	28.4	13.1	1.2
Fairly important, but I could be doing somewhat more important work	26.4	.2	2.0	10.1	10.4	3.7	
I could be doing much more important work in a different assignment	2.9		.1	1.1	1.2	.3	.2
Total	100.0						

## 3. Do you consider that your present work in your institution is as important as any other type of work outside your institution?

It is as important as any other type of work I might engage in	75.8	0.5	5.5	25.9	29.7	13.0	1.2
It is fairly important, but I could be doing more important work elsewhere	19.8	.2	1.1	6.4	8.7	3.2	.2
I could be doing much more important work elsewhere	4.4		.3	1.8	1.7	.6	
Total	100.0						

## 4. How do you rate college and university teaching with reference to freedom of expression?

I feel that teachers in colleges and universities are unfairly restricted in expressing themselves	5.8	0.2	0.3	2.0	1.8	1.5	
College faculties are restricted on some matters, but, by and large, freedom of expression is not restricted	36.2	.2	3.1	13.0	14.9	4.8	0.2
I doubt that faculty members are more restricted than anyone else	28.9	.2	1.5	10.1	11.5	5.2	.4
In my opinion, opportunities for self-expression are greater in college teaching than in many other types of professions	29.1	.2	2.1	8.7	11.8	5.5	.8
Total	100.0						

## 5. If you have the opportunity, do you think you will stay in your present institution?

Yes, I am almost certain I will	45.0		2.1	11.9	20.8	9.3	0.9
Yes, I probably will, but I'm not sure	35.5		1.8	13.3	14.4	5.7	.3
I may, but I probably won't	11.8	0.3	2.1	4.9	3.1	1.4	
No, I'm almost sure I won't	7.7	.2	1.4	3.7	1.7	.5	.2
Total	100.0						

## 6. Do you think you will stay in higher education?

Yes, I am almost certain I will	71.2	0.1	4.1	22.3	30.2	13.6	0.9
Yes, I probably will, but I'm not sure	20.8	.1	1.4	7.9	7.9	3.0	.5
I may, but I probably won't	4.5	.1	1.1	2.0	1.1	.2	
No, I'm almost sure I won't	3.5	.1	1.1	1.7	.6		
Total	100.0						

<sup>1</sup> See table 40c.

TABLE 41.—*Ranking of occupations*

[Number of interviews: 2,920]

Occupation	Rank	Occupation	Rank
U. S. Supreme Court justice	1	Welfare worker for a city government	44
Physician	2	Undertaker	47
State governor	2	Reporter on a daily newspaper	48
Cabinet member in the Federal Government	4	Manager of a small store in a city	49
Diplomat in the U. S. Foreign Service	4	Bookkeeper	50
Mayor of a large city	6	Insurance agent	50
College professor	7	Tenant farmer—one who owns livestock and machinery and manages the farm	50
Scientist	7	Traveling salesman for a wholesale concern	50
United States representative in Congress	7	Playground director	54
Banker	10	Policeman	54
Government scientist	10	Railroad conductor	54
County judge	12	Mail carrier	57
Head of a department in a State government	12	Carpenter	58
Minister	12	Automobile repairman	59
Architect	15	Plumber	59
Chemist	15	Garage mechanic	61
Dentist	15	Local official of a labor union	61
Lawyer	15	Owner-operator of lunch stand	61
Member of the board of directors of a large corporation	15	Corporal in the Regular Army	64
Nuclear physicist	15	Machine operator in a factory	64
Priest	15	Barber	66
Psychologist	15	Clerk in a store	67
Civil engineer	22	Fisherman who owns his own boat	67
Airline pilot	23	Streetcar motorman	67
Artist who paints pictures that are exhibited in galleries	24	Milk route man	70
Owner of factory that employs about 100 people	26	Restaurant cook	70
Sociologist	26	Truck driver	70
Accountant for a large business	28	Lumberjack	73
Biologist	28	Filling station attendant	74
Musician in a symphony orchestra	28	Singer in a night club	74
Author of novels	31	Farm hand	76
Captain in the Regular Army	31	Coal miner	77
Building contractor	33	Taxi driver	77
Economist	33	Railroad section hand	79
Instructor in the public schools	33	Restaurant waiter	79
Public school teacher	36	Dock worker	81
County agricultural agent	37	Night watchman	81
Railroad engineer	37	Clothes presser in a laundry	83
Farm owner and operator	39	Soda fountain clerk	84
Official of an international labor union	40	Bartender	85
Radio announcer	40	Janitor	85
Newspaper columnist	42	Share cropper—one who owns no live stock or equipment and does not manage farm	87
Owner-operator of a printing shop	42	Garbage collector	88
Electrician	42	Street sweeper	89
Trained machinist	44	Shoe shiner	90

Source: National Opinion Research Center, University of Denver.

## SECTION VII

# Finance of Higher Education

TABLE 42.—*Index of changes in resident enrollment and educational expenditures of institutions of higher education in continental United States: 1932-47*

Year (12 months ending June 30)	Resident enrollment <sup>1</sup>	Educational (and general) expenditures <sup>2</sup>
	1932=100	
1932	100	100
1934	91	88
1936	105	100
1938	117	113
1940	129	124
1947	204	182

<sup>1</sup> See table 19 for definition of resident enrollment.

<sup>2</sup> See table 45 for definition of educational and general expenditures.

Source: U. S. Office of Education.

NOTE.—Data used in preparing chart 2, vol. V of Report of the President's Commission on Higher Education.

TABLE 43.—*Percentage distribution of income for current educational purposes, by source, and institutional control: 12 months ending June 30, 1940*

Source	All institutions	Privately controlled institutions	Publicly controlled institutions
	Percent 100.0	Percent 100.0	Percent 100.0
Total	19.9	36.2	4.1
Philanthropy			
Endowment earnings	12.7	23.4	2.3
Private gifts and grants	7.2	12.8	1.8
Student fees	35.7	52.9	19.1
Public sources	36.6	3.7	68.3
Local	4.3	.1	8.4
State	26.9	2.8	50.0
Federal	5.4	.8	9.9
Miscellaneous	7.8	7.2	8.5
Sales and services of organized activities	5.8	4.5	7.1
Other	2.0	2.7	1.4

Source: U. S. Office of Education.

NOTE.—Data used in preparing chart 5, vol. V of Report of the President's Commission on Higher Education.

TABLE 44.—*Educational and general expenditures,<sup>1</sup> institutions of higher education, continental United States and outlying parts, by type of institution,<sup>2</sup> and institutional control: 12 months ending June 30, 1940*

		Publicly controlled						Privately controlled						
		Total all institutions	Colleges and universities	Arts and sciences	Profes-sional and technical	Teachers and nor-mal	Negro	Junior colleges	Colleges and universities	Arts and sciences	Profes-sional and technical	Teachers and nor-mal	Negro	Junior colleges
Continental United States and outlying parts	\$26,020,833	\$175,639,130	\$7,645,660	\$29,934,214	\$40,143,190	\$4,714,785	\$15,182,640	\$126,627,522	\$77,514,600	\$29,125,680	\$2,385,790	\$6,292,683	\$10,814,929	
Continental United States	521,989,757	171,946,525	7,487,417	29,934,214	40,143,190	4,714,785	15,144,842	126,627,522	77,470,585	29,017,205	2,385,790	6,292,683	10,814,929	
Alabama	6,694,831	3,654,842	387,658	—	607,074	272,229	157,244	—	774,260	43,611	—	—	736,635	218,622
Arizona	2,187,432	1,374,227	655,981	118,926	286,788	175,466	259,920	—	543,882	36,387	—	46,063	26,870	
Arkansas	3,503,088	1,773,692	235,104	2,580,847	278,233	2,580,847	7,129,674	5,691,359	3,159,403	2,290,626	—	578,982	123,949	
California	33,984,592	12,330,458	809,946	359,872	809,946	222,319	677,943	538,844	538,844	58,564	—	—	—	
Colorado	5,762,180	2,977,743	—	—	—	—	—	—	—	—	—	—	—	
Columbia, District of Columbia	4,740,739	—	—	—	—	—	175,118	174,836	2,246,678	704,202	111,402	1,002,930	325,483	204,225
Connecticut	10,857,555	1,112,361	651,622	—	—	—	6,783,901	6,783,901	1,775,517	265,411	59,399	—	—	
Delaware	614,938	725,035	—	—	—	—	80,852	80,852	9,051	—	—	—	—	
Florida	4,201,163	2,059,778	589,079	—	—	—	263,231	18,635	1,150,333	146,869	—	—	53,228	
Georgia	7,143,963	1,963,641	427,021	909,902	169,529	225,386	470,362	699,987	143,322	153,437	662,862	180,837	47,931	
Idaho	1,976,348	1,294,174	—	—	243,150	—	307,461	—	—	—	—	—	—	
Illinois	34,498,769	8,491,662	—	—	2,751,293	—	1,147,702	13,619,291	4,315,606	3,143,856	459,027	—	570,332	
Indiana	14,485,120	8,153,354	—	12,651	1,172,575	—	20,150	2,182,312	2,432,036	314,794	118,739	—	78,480	
Iowa	13,085,309	4,872,785	—	4,052,630	821,286	—	333,736	332,717	2,310,324	71,059	—	—	288,572	
Kansas	7,989,601	2,048,433	674,296	2,378,203	866,547	36,947	366,068	1,418,199	35,373	—	—	—	145,635	
Kentucky	6,640,808	3,444,536	—	1,342,516	154,308	—	28,138	—	980,646	235,509	134,974	—	320,181	
Louisiana	8,890,266	4,320,565	160,460	988,840	468,410	361,412	—	1,761,294	373,130	—	—	318,641	107,514	
Maine	2,936,978	1,388,795	—	—	284,939	—	—	—	1,084,320	37,746	—	—	151,278	
Massachusetts	8,212,307	2,763,585	—	320,638	288,951	24,182	2,675,181	1,655,401	302,810	—	—	201,559		
Michigan	30,065,115	15,067,162	—	—	1,700,557	1,289,351	13,976,885	7,634,244	4,636,532	142,676	674,941	63,188		
Minnesota	12,983,591	8,635,200	4,495,441	2,434,956	257,807	—	1,177,887	536,550	836,075	1,625,016	197,922	—	36,035	
Mississippi	4,496,441	—	—	—	—	—	320,735	160,969	615,701	—	2,579,969	50,007	169,090	
Missouri	13,284,258	3,984,848	—	—	—	—	1,664,045	417,116	334,587	1,376,907	585,607	1,484,315	15,050	
Nebraska	2,063,224	488,115	—	1,143,684	—	—	—	—	1,58,801	—	35,853	—	15,050	
	5,011,489	3,612,781	—	—	—	—	—	—	625,193	34,852	25,485	34,237	51,066	

<sup>1</sup> Educational and general expenditures include expenditures for administration and general control, resident instruction, organized research separately budgeted, extension, library, plant operation and maintenance, organized activities related to instruction, and miscellaneous unitemized expenditures.

<sup>2</sup> Information for any one type of institution is reported in the appropriate category only; types of institutions are mutually exclusive. "Colleges and universities" are institutions of complex organization. "Arts and sciences" are institutions offering liberal arts 4-year degrees. "Professional and technical" institutions are those independently controlled.

"Negro" includes institutions of all types for Negroes only. \* Not available.

Source: U. S. Office of Education.

TABLE 45.—*Student fees as percent of educational and general expenditures,<sup>1</sup> institutions of higher education in continental United States and outlying parts, by institutional control and State: 12 months ending June 30, 1940*

	All institu-	Publicly	Privately
	Percent	Percent	Percent
	38.3	20.4	57.7
Continental United States and outlying parts			
Continental United States	38.5	20.4	57.7
Alabama	36.3	29.9	54.2
Arizona	17.5	17.5	
Arkansas	32.0	22.1	75.2
California	30.2	14.0	61.1
Colorado	36.8	26.4	69.3
Connecticut	33.2	9.8	38.7
Delaware	19.5	19.6	12.1
Florida	33.8	12.1	80.6
Georgia	40.2	33.6	49.5
Idaho	16.7	12.5	56.1
Illinois	41.1	13.7	56.5
Indiana	35.8	20.0	64.6
Iowa	28.9	17.5	67.1
Kansas	27.8	22.1	50.4
Kentucky	30.0	25.5	43.2
Louisiana	22.8	11.8	49.9
Maine	36.3	23.0	53.8
Maryland	24.9	13.8	43.1
Massachusetts	53.4	16.3	57.5
Michigan	27.2	21.2	66.7
Minnesota	25.8	16.6	60.4
Mississippi	23.8	17.2	59.5
Missouri	41.4	19.6	61.7
Montana	20.1	16.1	55.2
Nebraska	27.0	21.7	57.6
Nevada	6.1	6.1	
New Hampshire	43.3	20.2	59.7
New Jersey	43.1	39.8	43.8
New Mexico	25.4	25.4	
New York	50.4	11.1	58.9
North Carolina	39.5	28.8	49.8
North Dakota	19.4	17.2	52.1
Ohio	43.9	28.0	62.1
Oklahoma	20.9	14.4	74.8
Oregon	30.1	19.9	65.6
Pennsylvania	53.1	26.0	62.0
Rhode Island	40.4	12.1	52.2
South Carolina	35.6	25.9	59.3
South Dakota	30.6	23.1	61.7
Tennessee	40.6	29.9	47.5
Texas	35.7	25.5	67.2
Utah	31.5	30.1	37.0
Vermont	53.0	33.2	76.9
Virginia	39.8	30.6	57.6
Washington	31.5	24.8	69.6
West Virginia	29.6	21.8	75.7
Wisconsin	29.4	19.2	69.7
Wyoming	13.4	13.4	
District of Columbia	57.3	3.5	61.5
<i>Outlying parts of the United States</i>			
Alaska	7.1	7.1	
American Samoa			
Canal Zone	77.0	77.0	
Guam			
Hawaii	26.7	26.7	
Philippine Islands	32.6	23.1	14.7
Puerto Rico	15.6	15.4	23.9
Virgin Islands			

<sup>1</sup> Educational and general expenditures include expenditures for administration and general control, resident instruction, organized research separately budgeted, extension, libraries, physical plant operation and maintenance, organized activities relating to instruction, and miscellaneous unitemized expenditures; exclude auxiliary enterprises and activities, noneducational expenditures, and capital outlay.

Source: U. S. Office of Education.

TABLE 46.—Comparison of estimates of expenditures for general and educational purposes by institutions of higher education in continental United States and estimated income from students, by type of institution and institutional control: 1932, 1940 and 1947<sup>1</sup>

Type of institution <sup>2</sup> and/or institutional control	1932 <sup>3</sup>	1940 <sup>3</sup>	1947 <sup>4</sup>		
			Total	Educational payments by students <sup>5</sup>	Payments by Federal Government for education of veterans <sup>6</sup>
All institutions:					
Educational expenditures	\$420,633,000	\$521,989,700	\$1,005,542,000		
Income from student fees	\$150,648,700	\$200,726,900	\$565,567,000	\$264,380,000	\$301,187,000
Proportion of expenditures financed by student fees (percent)	35.8	38.5	56.2	26.3	29.9
Publicly controlled:					
Educational expenditures	\$205,863,700	\$269,381,000	\$525,848,000		
Income from student fees	\$34,479,700	\$54,989,200	\$202,127,000	\$72,856,000	\$129,271,000
Proportion of expenditures financed by student fees (percent)	16.7	20.4	38.4	13.8	24.6
Privately controlled:					
Educational expenditures	\$214,769,300	\$252,608,700	\$479,604,000		
Income from student fees	\$116,169,000	\$145,737,700	\$363,440,000	\$191,524,000	\$171,916,000
Proportion of expenditures financed by student fees (percent)	54.1	57.7	75.7	39.9	35.8
UNIVERSITIES					
Publicly controlled:					
Educational expenditures	\$126,613,100	\$171,946,600	\$333,573,000		
Income from student fees	\$23,042,100	\$35,405,900	\$115,171,000	\$31,025,000	\$84,146,000
Proportion of expenditures financed by student fees (percent)	18.2	20.6	34.5	9.3	25.2
Privately controlled:					
Educational expenditures	\$116,993,100	\$126,627,500	\$179,244,000		
Income from student fees	\$60,598,000	\$67,540,400	\$140,941,000	\$61,540,000	\$79,401,000
Proportion of expenditures financed by student fees (percent)	51.8	53.3	78.6	34.3	44.3
ARTS AND SCIENCE COLLEGES					
Educational expenditures	\$67,644,000	\$84,968,100	\$180,917,000		
Income from student fees	\$39,443,000	\$53,170,600	\$140,462,000	\$80,303,000	\$60,159,000
Proportion of expenditures financed by student fees (percent)	58.3	62.6	77.6	44.4	33.2
INDEPENDENT PROFESSIONAL AND TECHNICAL COLLEGES					
Educational expenditures	\$45,528,700	\$58,951,400	\$162,524,000		
Income from student fees	\$12,269,300	\$20,232,200	\$83,591,000	\$39,209,000	\$44,382,000
Proportion of expenditures financed by student fees (percent)	26.9	34.3	51.4	24.1	27.3
TEACHERS AND NORMAL SCHOOLS					
Educational expenditures	\$39,537,800	\$42,529,000	\$59,063,000		
Income from student fees	\$6,797,500	\$10,635,000	\$22,548,000	\$10,505,000	\$12,043,000
Proportion of expenditures financed by student fees (percent)	17.2	25.0	38.2	17.8	20.4
JUNIOR COLLEGES					
Publicly controlled:					
Educational expenditures	\$8,991,000	\$15,144,800	\$32,409,000		
Income from student fees	\$1,216,100	\$2,694,000	\$16,976,000	\$6,014,000	\$10,962,000
Proportion of expenditures financed by student fees (percent)	13.5	17.8	52.4	18.6	33.8
Privately controlled:					
Educational expenditures	\$8,310,400	\$10,814,900	\$36,528,000		
Income from student fees	\$5,845,200	\$8,201,200	\$36,906,000	\$30,319,000	\$6,587,000
Proportion of expenditures financed by student fees (percent)	70.3	75.8	101.0	83.0	18.0
NEGRO INSTITUTIONS					
Educational expenditures	\$7,014,900	\$11,007,400	\$21,284,000		
Income from student fees	\$1,437,500	\$2,847,600	\$8,972,000	\$5,465,000	\$3,507,000
Proportion of expenditures financed by student fees (percent)	20.5	25.9	42.2	25.7	16.5

<sup>1</sup> 12 months ending June 30 of year specified.

<sup>2</sup> See table 44 for definitions of types.

<sup>3</sup> Adjusted to nearest \$100.

<sup>4</sup> Estimated to nearest \$1,000 from sample survey of 333 institutions made in March and April 1947.

<sup>5</sup> Does not include payments for living expenses, student supplies, etc.

<sup>6</sup> Does not include payments by the Federal Government for living expenses, student supplies, guidance, etc.

Source: U. S. Office of Education.

NOTE.—Data used in preparing chart 4, vol. V, of Report of the President's Commission on Higher Education.

TABLE 47.—*Educational expenditures of institutions of higher education in continental United States compared with the gross national product: 1932-60*

Year (12 months ending June 30)	Educational expenditures	Gross national product	Educational expenditures as percent of gross national product
1932	\$421,000,000	\$67,100,000,000	0.63
1934	370,000,000	60,300,000,000	.61
1936	420,000,000	78,500,000,000	.53
1938	475,000,000	78,500,000,000	.61
1940	522,000,000	95,500,000,000	.55
1947	1,005,000,000	217,000,000,000	.46
1960 (in terms of average dollar value in 1947, and 1947 GNP)	2,587,000,000	(217,000,000,000)	1.19

Source: Educational expenditures, except for 1960, from U. S. Office of Education. Gross national product from U. S. Bureau of Foreign and Domestic Commerce.

NOTE.—Data used in preparing chart 3, vol. V of Report of the President's Commission on Higher Education.

TABLE 48.—*Estimates<sup>1</sup> of selected expenditure and income items for institutions of higher education in continental United States, by type of institution, and institutional control: 12 months ending June 30, 1947*

Types of institution <sup>2</sup> and/or type of control	Estimated educational and general expenditures			Estimated income from students	
	Total general and educational	Resident instruction	Physical, plant, operation and maintenance	Other general and educational	
All types of institutions	\$1,005,542,000	\$494,256,000	\$154,882,000	\$356,404,000	\$535,567,000
Publicly controlled	525,848,000	266,004,000	73,417,000	196,427,000	202,127,000
Privately controlled	479,694,000	238,252,000	81,465,000	159,977,000	363,440,000
Universities:					
Publicly controlled	333,573,000	157,656,000	38,830,000	137,087,000	115,171,000
Privately controlled	179,244,000	104,960,000	26,179,000	48,105,000	140,941,000
Arts and science colleges	180,917,000	84,679,000	36,214,000	60,024,000	140,462,000
Independent professional and technical colleges	162,524,000	69,207,000	22,386,000	70,931,000	83,591,000
Teachers colleges and normal schools	59,063,000	33,207,000	10,320,000	15,536,000	22,548,000
Junior colleges:					
Publicly controlled	32,409,000	21,338,000	4,971,000	6,100,000	16,976,000
Privately controlled	36,528,000	12,688,000	11,267,000	12,573,000	36,906,000
Negro institutions	21,284,000	10,521,000	4,715,000	6,048,000	8,972,000

<sup>1</sup> From sample survey of 333 institutions, made in March and April 1947.

<sup>2</sup> See table 44 for definitions of terms.

<sup>3</sup> Includes educational fees paid by students and payments by the Federal Government for the education of veterans. Does not include payments by students or by the Federal Government for living expenses, student supplies, guidance, etc.

<sup>4</sup> Does not include payments by Federal Government for living expenses, student supplies, guidance, etc.

Source: U. S. Office of Education.



TABLE 19.—*Income from student fees, expenditures for general and educational purposes,<sup>1</sup> and income from student fees as percent of general and educational expenditures, for institutions of higher education in continental United States and outlying parts, by type of institution,<sup>2</sup> institutional control, and State: 1932 and 1940*

ousands of dollars]

Footnotes appear on back at end of table.

Division and State	All institutions			Publicly controlled												Privately controlled																																
				Total			Colleges and universities			Arts and sciences			Professional and technical			Teachers and normal			Negro		Junior colleges		Total			Colleges and universities			Art and sciences			Professional and technical			Teachers and normal			Negro		Junior colleges								
	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent															
	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent	Fees	Expenditures	Percent															
Continental United States and outlying parts	\$201,661.1	\$826,020.7	38.3	\$31,788.6	\$273,269.6	20.4	\$86,165.7	\$175,639.2	20.6	\$2,656.9	\$7,647.7	34.8	\$4,350.1	\$29,934.1	14.5	\$8,894.9	\$40,143.2	22.2	\$997.9	\$4,714.8	21.2	\$2,723.1	\$15,182.6	17.9	\$145,872.5	\$252,761.1	57.7	\$67,540.4	\$126,627.5	53.3	\$50,534.7	\$77,514.6	65.2	\$16,006.4	\$29,125.7	55.0	\$1,740.1	\$2,385.8	72.9	\$1,849.7	\$6,292.6	29.4	\$8,201.2	\$10,814.9	75.8			
Continental United States	200,726.9	521,989.7	38.5	\$4,988.2	269,381.0	20.4	36,405.9	171,946.6	20.6	2,646.4	7,495.5	35.3	4,350.1	29,934.1	14.5	8,894.9	40,143.2	22.2	997.9	4,714.8	21.2	2,694.0	15,148.4	17.8	145,737.7	252,608.7	57.7	67,540.4	126,627.5	53.3	50,524.2	77,470.6	65.2	15,821.1	29,017.3	54.7	1,740.1	2,385.8	72.9	1,849.7	6,292.6	29.4	\$8,201.2	10,814.9	75.8			
New England and Middle Atlantic	\$1,505.4	165,146.7	49.4	\$1,129.2	32,646.2	18.8	\$6,688.5	20,053.6	18.3							534.3	2,890.0	18.5	1,857.9	9,511.3	19.5	17.2	91.2	18.9	75.0	100.1	74.9	75,353.5	132,500.5	56.9	43,020.7	\$80,861.8	53.2	19,308.3	28,660.8	67.4	9,746.4	19,365.5	59.3	700.3	662.0	105.8	54.5	123.6	44.1	2,523.3	2,828.8	99.3
Maine	1,072.8	2,956.6		\$87.3	1,088.7		353.2	1,368.2								32.1	284.9											685.6	1,273.2		554.2	1,084.3			37.6													
New Hampshire	1,567.9	3,624.5		\$87.3	1,087.7		342.8	1,254.6								2.4	23.0											1,262.7	2,113.8		972.2	1,832.4			131.4	151.3												
Vermont	1,264.7	2,447.3		\$87.3	1,337.9		440.2	1,254.6								3.9	83.3											852.6	1,109.4		751.3	956.7			290.5	281.4												
Massachusetts	16,054.3	30,055.2		\$1,029.2	2,929.9		100.2	610.9								229.2	1,700.5		259.5	1,289.4								15,565.6	27,063.3		4,765.6	6,734.3			101.3	152.7												
Rhode Island	1,138.5	2,809.7		\$102.2	258.3		100.2	610.9								102.2	1,700.5		259.5	1,289.4								1,317.9	2,134.7		979.5	1,476.0			579.1	675.0												
Connecticut	3,786.4	11,288.3		\$1,029.2	2,144.8		120.1	9,173.4								49.6	447.0		160.0	2,388.8								380.8	214.4		2,202.1	6,789.0			222.4	264.2												
New York	34,196.1	67,255.3		\$1,029.2	12,006.2		1,126.1	9,173.4								102.2	1,700.5		259.5	1,289.4								1,029.2	1,700.5		935.5	1,775.5			406.3	497.5												
New Jersey	4,434.9	10,188.8		\$102.2	1,700.5		1,211.2	9,173.4								255.5	361.7		372.1	1,327.4								55,814.3	22,477.8		32,860.4	39,190.9			6,064.7	8,085.7												
Pennsylvania	18,847.6	33,910.5		\$102.2	8,381.8		1,211.2	9,173.4								17.2	91.2		951.5	3,028.5								1,029.2	1,700.5		1,029.2	1,700.5			5,614.6	8,050.5												
North Central	\$6,927.8	163,959.5	34.7	\$1,029.2	104,329.5	20.0	15,377.3	75,317.4	20.4	\$70.4	1,701.5	32.3	\$1,300.6	8,809.3	14.8	\$2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	44.0	412.9	10.8	1,979.6	2,863.6	69.1			
Ohio	10,894.8	24,811.5		\$102.1	13,251.7		3,363.9	12,141.5		345.2	1,090.2		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	63.3	105.5		19.8	78.5				
Illinois	14,181.1	34,455.2		\$102.1	9,368.7		1,313.3	8,491.7		345.2	1,090.2		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	31.2	570.3							
Michigan	14,262.9	34,718.5		\$102.1	12,006.2		3,156.9	15,067.5		37.2	1,090.2		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	31.2	63.2							
Wisconsin	8,082.3	22,108.8		\$102.1	9,368.7		1,313.3	8,491.7		345.2	1,090.2		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	1.3	45.0							
Minnesota	3,359.0	12,985.5		\$102.1	10,249.6		1,427.0	8,809.3		364.2	4,062.6		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	170.1	288.6							
Iowa	3,777.0	13,183.8		\$102.1	12,006.2		3,085.3	1,717.4		364.2	4,062.6		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	1,147.9	1,484.3							
Missouri	5,492.9	13,264.1		\$102.1	12,006.2		3,085.3	1,717.4		364.2	4,062.6		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	29.3	40.6							
North Carolina	4,982.8	12,610.2		\$102.1	12,006.2		2,981.9	1,717.4		364.2	4,062.6		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	1,147.9	1,484.3							
South Carolina	1,766.8	3,960.5		\$102.1	3,204.9		231.8	1,618.9		447.1	1,071.9		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	51.1	84.8							
Georgia	2,142.7	12,143.8		\$102.1	12,006.2		1,455.8	2,916.7		447.1	1,071.9		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0	60.5	12,784.9	23,724.8	53.9	16,274.1	25,973.7	62.7	4,494.4	5,807.1	77.4	849.0	847.9	57.7	1,147.9	1,484.3							
Florida	1,446.9	4,261.1		\$102.1	12,006.2		2,916.7	1,717.4		447.1	1,071.9		1,029.2	8,809.3	14.8	2,710.9	14,613.4	18.6	29.7	454.1	6.5	872.3	3,370.8	25.9	36,066.6	59,630.0																						

TABLE 50.—*Income of institutions of higher education, continental United States and outlying parts, by State: 1932 and 1940*  
A. 12 MONTHS ENDING JUNE 30, 1940

State or outlying part of the United States	Total, all income	Educational and general income, excluding receipts specifically designated for physical plant and nonexpendable funds from:								Receipts specifically designated for additions to:					Income from auxiliary enterprises				
		Total educational and general income	Student fees	Endowment earnings	Federal Government	State governments	County, city and district governments	Private gifts and grants	Sales and services of organized activities	Miscellaneous sources	Physical plant	Endowment funds	Annuity funds	Student loan funds	Other non-expendable funds				
Continental United States	\$825,937,719	\$571,288,116	\$200,896,617	\$71,304,241	\$38,859,955	\$151,222,535	\$24,392,256	\$40,452,846	\$32,776,630	\$11,383,036	\$66,208,774	\$38,688,220	\$2,305,870	\$1,043,057	\$2,480,537	\$143,923,145			
Alabama	10,665,580	7,510,455	2,431,216	751,048	975,598	2,371,107	110,540	498,537	169,773	213,846	62,774	-----	1,219	1,138	2,335,848				
Arizona	3,887,575	2,372,794	382,565	39,542	205,153	1,369,769	226,306	5,358	41,084	13,034	680,866	429	-----	608	117	802,861			
Arkansas	5,307,638	3,920,185	1,121,926	75,686	825,423	1,516,377	27,391	213,024	81,797	65,532	442,920	23,128	10,000	2,228	909,176				
California	53,977,263	39,089,573	10,248,234	4,525,528	753,598	14,062,153	4,983,393	2,114,497	1,733,083	83,997	407,865	1,812,752	83,461	75,345	206,505	7,901,762			
Colorado	8,849,952	6,146,076	2,117,734	197,600	385,585	2,422,179	164,333	267,970	478,216	112,468	1,489,985	50,723	10,500	15,523	1,138,181				
Connecticut	19,682,407	11,622,670	3,730,403	4,657,046	274,880	1,518,077	124,585	1,305,416	49,111	223,182	1,303,813	2,849,078	59,692	35,200	3,479,964				
Delaware	1,088,345	802,598	159,292	17,244	243,435	335,525	15,579	24,891	6,602	116,675	-----	-----	-----	-----	160,102				
District of Columbia	7,173,516	5,949,566	2,714,698	245,423	903,747	380,108	1,236,030	300,594	153,966	325,325	60,467	-----	3,791	-----	834,367				
Florida	7,902,501	5,042,461	1,440,900	99,455	428,190	2,156,910	90,925	314,991	108,795	42,255	733,153	11,547	-----	3,457	2,111,883				
Georgia	12,072,420	7,051,331	2,872,681	950,594	839,900	1,210,748	245,600	611,132	240,556	77,048	1,718,350	626,636	30,000	74,862	5,553				
Idaho	3,000,082	2,282,374	330,581	180,887	333,389	1,223,348	80,980	60,974	59,985	12,810	102,225	675	-----	2,096	612,215				
Illinois	52,384,236	36,700,990	14,182,131	942,032	7,642,951	1,462,406	3,984,960	2,465,677	583,884	4,719,057	5,344,057	173,396	79,272	18,749	6,318,815				
Indiana	24,882,733	15,739,810	5,181,043	381,833	721,911	5,666,692	67,004	1,243,106	1,355,601	619,620	2,413,763	540,237	2,674	17,182	203,047				
Iowa	18,251,222	14,075,222	3,947,173	558,457	788,262	5,217,092	169,539	1,220,491	297,477	528,434	179,895	35,951	29,737	1,675,675					
Kansas	10,417,345	8,567,108	2,156,633	276,722	637,175	3,348,460	555,883	575,490	901,310	52,423	358,914	330,657	75,300	9,673	1,075,698				
Kentucky	9,688,104	7,284,774	1,990,637	618,268	809,813	2,433,806	298,982	546,056	311,735	165,477	566,333	455,633	78,285	9,903	22,513				
Louisiana	16,579,114	10,788,445	2,021,297	834,277	699,831	5,966,413	52,555	639,758	301,351	272,943	3,070,957	130,247	24,896	2,564,559					
Maine	4,461,069	3,235,498	1,072,855	651,159	346,510	1,006,381	48,979	95,782	13,832	74,202	186,986	1,492	-----	3,550	959,341				
Maryland	12,197,191	8,353,275	3,178,103	1,372,116	401,155	1,465,682	959,082	805,233	138,894	1,303,542	600,434	2,000	35,413	113,000	1,780,527				
Massachusetts	50,014,274	32,665,495	16,054,307	9,955,504	374,347	2,207,108	186,795	2,756,793	565,991	564,719	1,160,707	5,168,229	126,651	46,891	442,928	9,933,483			
Michigan	29,114,235	22,201,745	5,626,171	946,478	742,025	9,350,444	1,318,532	1,107,859	2,878,848	233,388	2,554,168	317,123	7,200	27,240	400				
Minnesota	21,973,271	14,036,466	3,355,560	1,102,082	740,607	5,585,802	455,938	1,290,603	101,976	1,271,388	1,376,185	16,057	8,598	330	4,360,737				
Mississippi	7,332,974	4,755,622	1,071,742	213,651	955,388	1,152,244	187,243	731,143	188,793	350,149	811	699	1,194	2,224,499					
Missouri	21,866,515	14,946,482	5,492,884	1,373,740	962,479	4,232,209	500,569	1,339,837	665,265	378,481	316,510	15,802	37,173	72,398	3,830,571				
Montana	3,458,032	2,108,121	414,015	135,428	359,757	833,370	132,213	84,843	99,650	28,850	453,581	13,227	404	-----	882,700				
Nebraska	6,028,390	5,368,569	1,353,516	109,304	559,387	2,267,577	221,909	454,947	51,268	189,895	5,637	1,000	5,287	17,994	1,340,017				
Nevada	1,138,552	673,065	33,146	14,835	236,753	318,710	2,193	16,747	50,681	375,000	333	-----	90,454	-----	-----				
New Hampshire	6,097,443	3,888,390	1,567,881	862,655	270,498	678,224	35,749	190,683	114,382	165,326	343,948	491,192	75,714	2,028	1,208,171				
New Jersey	16,020,518	10,873,507	4,434,912	1,651,111	432,408	2,772,134	74,250	956,761	25,998	312,933	728,677	1,165,204	1,000	28,506	282,917	2,940,707			
New Mexico	2,978,491	2,162,149	482,988	175,685	321,424	1,035,598	96,492	7,626	55,474	18,870	135,419	73,925	1,000	573,902	-----	-----			
New York	83,371,917	23,299,492	34,196,104	14,005,645	898,542	5,760,111	8,303,231	4,970,418	3,827,417	1,277,974	1,575,540	6,003,901	934,032	110,626	620,812	10,886,514			
North Carolina	24,011,740	12,805,750	4,922,871	2,346,737	1,139,227	2,464,633	477,737	499,555	732,079	469,911	1,081,642	2,933	29,044	2,705	6,282,085				
North Dakota	2,725,445	3,228,611	431,699	210,150	442,210	1,151,446	4,818	13,771	48,059	26,459	7,400	12,000	28	1,063	378,837				
Ohio	38,668,752	26,215,680	10,894,703	3,235,141	748,570	6,582,013	1,155,722	2,236,943	634,832	637,453	2,456,479	1,786,714	58,422	67,750	153,183	7,020,324			
Oklahoma	11,314,117	8,104,888	1,561,769	179,274	737,551	815,868	4,270,158	750	239,648	886,381	1,261,022	809	850	4,826	1,942,018				
Oregon	7,598,963	5,644,687	1,634,540	221,924	495,203	2,467,504	113,450	401,795	271,484	38,697	430,610	327,857	17,333	1,737,470	-----	-----			
Pennsylvania	51,581,281	36,711,545	18,017,707	4,326,998	682,674	6,627,874	18,042	2,882,458	2,717,177	1,144,440	3,230,105	1,385,058	205,784	39,484	169,502	9,880,343			
Rhode Island	4,226,366	3,134,337	1,135,504	732,648	231,053	525,324	967	467,637	72,178	259,113	168,620	1,000	-----	663,296	-----	-----			
South Carolina	10,499,159	5,073,027	1,766,009	297,198	737,551	1,861,816	66,500	349,795	175,096	119,075	2,590,444	74,566	5,000	17,326	2,733,351				
South Dakota	3,108,573	2,455,384	734,762	181,255	452,814	840,504	94,354	120,101	31,594	247,886	23,000	1,000	20,432	420,871	-----	-----			
Tennessee	15,304,721	9,731,240	3,648,109	1,811,295	903,277	1,501,858	25,127	1,028,857	598,475	214,242	2,458,024	65,952	21,907	47,009	2,761,318				
Texas	33,603,447	22,738,164	6,931,664	1,688,454	1,444,647	209,524	890,147	1,045,260	807,273	519,037	538,697	1,463,795	56,000	24,247	23,849	6,785,121			
Utah	3,841,767	3,329,156	972,761	41,882	301,989	1,364,324	46,511	424,537	103,640	73,492	7,400	7,078	28	1,063	495,564	-----	-----		
Vermont	5,469,428	2,661,729	1,296,624	271,310	289,237	313,629	70,508	223,219	83,188	114,011	1,783,653	25,900	108,533	9,200	8,853,303				
Virginia	21,407,354	11,666,081	4,439,350	1,728,019	805,686	2,945,329	183,216	475,912	1,435,694	235,495	985,725	5,522	38,884	220	5,733,273				
Washington	10,545,740	7,432,411	2,086,395	329,600	429,110	3,012,998	137,172	274,977	162,324	109,835	1,500,235	223,333	23,000	13,000	26,817	1,326,944			
West Virginia	6,671,334	4,565,446	1,122,125	131,188	556,006	2,494,686	26,371	44,235	172,048	81,817	851,318	48,199	1,000	10,895	1,000	1,193,476			
Wisconsin	18,531,786	13,607,323	3,082,352	506,687	741,732	5,662,838	125,780	1,014,497	1,805,826	65,112	1,681,090	316,719	30,000	29,902	31,326	2,833,423			
Wyoming	1,402,703	1,057,878	135,274	97,630	436,025	414,844	58,905	18,200	58,905	12,200	3,506,300	37,481	-----	8,258	299,136	-----	-----		
United States service schools	11,694,733	8,189,433	8,189,433	60,144	677,425	2,467,167	122,943	117,437	129,091	96,794	75,284	-----	2,026	-----	373,519	-----	-----		
Outlying parts of the United States	5,058,860	4,508,346	934,139	60,144	677,425	2,467,167	122,943	117,437	129,091	96,794	75,284	-----	2,026	-----	373,519	-----	-----		
Alaska	339,657	256,893	10,471	60	67,404	122,950	9,400	13,681	2,927	500	-----	-----	-----	-----	82,564	-----	-----		
Canal Zone	37,798	37,798	25,280	58,738	718	270,222	445,614	20,495	37,048	6,473	31,469	754	-----	1,140	-----	192,369	-----	-----	
Hawaii	1,289,444	1,032,332	26,778	1,032,332	718	270,222	445,614	20,495	37,048	6,473	31,469	754	-----	1,017	25,681	27,681	1,017	-----	
Philippine Islands	1,206,476	1,182,178	339,513	20,147	733,865	1,057,878	135,274	301,061	1,164,738	78,048	29,718	83,042	64,825	74,530	169	75,005	192,369	-----	-----
Puerto Rico	2,182,674	1,968,145	272,317	39,221	301,061	1,164,738	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	75,005	

(Follows p. 51) No. 2—Part 1

B. 12 MONTHS ENDING JUNE 30, 1932

State or outlying part	Total, all income	Educational and general income						Auxiliary enterprises and activities				Receipts for other non-educational purposes	Receipts for extension of physical plant	Receipts for increase of permanent funds			
		Student fees	Income from endowment	Receipts from public sources for current expenses	Private gifts for current expenses	Sales and services of educational departments	Other receipts for educational purposes	Total educational and general income	Dormitories and dining halls	Athletics	Other activities	Total					
Continental United States	\$670,197,145	\$150,649,047	\$60,902,567	\$174,663,230	\$29,947,520	\$21,008,513	\$14,825,938	\$451,996,833	\$64,198,692	\$15,050,335	\$24,019,864	\$103,268,891	\$10,997,781	\$56,256,818	\$47,676,822		
Alabama	5,159,609	1,473,259	131,426	1,705,055	186,333	59,080	135,954	3,781,110	778,758	127,947	262,299	1,167,004	41,699	158,353	11,473		
Arizona	2,542,598	174,594	165,573	1,622,832	35,688	246	2,075,935	241,719	80,013	97,034	418,766	47,544	363				
Arkansas	3,531,111	695,169	81,001	2,222,291	24,705	44,538	2,582,417	405,000	60,118	88,431	653,558	21,292	126,123	67,721			
California	49,721,681	7,322,865	2,827,577	13,452,443	1,619,518	2,317,849	603,737	28,249,090	2,423,126	1,943,947	1,178,467	5,548,540	488,061	3,751,906	2,692,185		
Colorado	7,784,522	1,364,298	230,432	2,971,135	342,694	391,441	75,284	5,375,281	231,801	145,575	258,152	635,645	89,096	721,534	966,960		
Connecticut	24,385,900	3,355,561	3,179,044	1,264,558	24,866	227,316	9,251,673	1,241,233	883,209	75,193	1,999,724	1,057,654	8,422,222	3,664,636	3,341		
Delaware	1,056,253	107,968	24,119	405,185	9,794	26,994	7,114	670,657	105,947	10,926	12,743	129,616	4,905	247,734			
District of Columbia	5,675,910	1,571,204	1,500,000	510,711	26,557	69,473	2,593,396	618,419	45,809	308,928	1,048,216	17,315	665,881	382,102			
Florida	5,215,175	812,949	105,514	2,050,724	137,756	57,940	8,511	3,173,094	918,313	125,273	433,383	1,476,968	23,868	523,033	18,811		
Georgia	11,357,386	1,923,785	742,103	2,497,700	849,617	121,431	6,356,424	1,296,711	45,396	170,155	1,515,265	194,349	1,434,094	1,987,257			
Idaho	2,528,529	155,846	82,849	1,583,309	34,178	50,886	16,830	1,923,388	230,044	50,283	75,126	384,453	6,514	206,244	5,420		
Illinois	40,159,863	10,189,521	5,785,799	7,852,797	283,387	1,747,488	719,485	219,485	2,294,325	1,027,684	1,882,910	5,124,208	804,481	1,682,347	4,155,696		
Indiana	18,124,333	3,930,862	811,202	5,228,077	883,559	649,615	12,287	11,884,762	2,524,904	634,908	1,065,514	2,425,124	411,544	1,199,511	665,442		
Iowa	14,632,811	2,915,445	302,644	5,807,037	775,026	1,721,238	165,246	11,809,523	1,242,465	287,570	339,529	1,849,564	128,988	603,471	181,256		
Kansas	9,373,346	1,570,645	304,783	4,284,839	566,348	418,900	84,733	7,559,648	516,336	274,030	198,314	989,700	247,375	614,852	565,770		
Kentucky	8,776,886	1,281,884	797,421	3,171,855	445,230	256,446	16,617	6,120,463	1,107,232	55,108	271,333	1,433,670	123,220	909,296	199,268		
Louisiana	8,387,630	990,975	628,807	1,971,074	12,916	26,912	11,916	5,583,055	593,449	178,471	221,942	903,862	19,499	1,862,525	965,739		
Maine	3,652,343	635,978	1,204,143	2,202,416	22,331	884	2,638,052	541,508	81,061	60,788	633,447	68,076	23,000	214,702			
Maryland	14,262,332	2,380,416	1,622,779	3,824,650	537,027	445,942	179,132	8,993,648	1,296,844	137,708	505,655	1,940,207	361,879	1,785,621	1,998,948		
Massachusetts	56,262,626	13,349,526	10,758,509	2,686,326	910,402	409,065	655,779	25,797,600	6,823,148	1,155,392	1,244,749	9,243,288	1,571,279	5,621,635	12,118,713		
Michigan	21,575,087	3,765,288	881,066	10,296,799	668,668	2,361,134	118,410	17,591,365	632,750	663,445	566,743	1,012,918	222,978	526,158	1,005,966		
Minnesota	17,718,063	2,655,963	605,258	5,967,303	701,687	508,865	150,262	14,047,338	1,820,035	320,415	1,303,320	1,823,749	275,917	1,314,803	1,991,266		
Mississippi	3,774,333	785,493	133,684	1,648,205	138,552	179,736	21,688	2,099,113	355,079	71,411	101,522	828,012	3,644	22,179	10,655		
Missouri	17,297,109	4,404,400	1,982,349	3,795,200	1,278,393	265,679	1,028,007	12,750,922	1,609,925	409,285	510,613	2,529,822	593,869	1,055,233	367,939		
Montana	2,288,659	233,368	31,322	1,393,394	45,477	86,836	3,720	1,814,217	320,676	215,671	70,137	152,799	438,607	4,430	19,206	12,329	
Nebraska	7,465,856	1,335,230	252,748	3,388,406	398,665	300,196	69,894	5,745,139	450,650	95,745	1,033,374	63,527	566,069	25,217			
Nevada	630,892	32,525	7,457	437,656	18,000	1,426	7,959	505,023	34,629	33,011	14,507,147	3,977	309,825				
New Hampshire	4,507,330	1,280,316	775,531	875,618	267,052	75,292	99,738	3,345,597	457,420	25,207	70,074	532,265	23,778	396,950	161,740		
New Jersey	14,346,619	3,217,377	1,656,945	3,443,497	443,477	142,287	145,270	466,332	3,841,675	1,943,676	268,033	230,562	442,271	414,533	706,562	1,420,578	
New Mexico	1,811,826	205,866	513,163	1,035,759	15,740	40,535	1,376,386	316,751	2,053,085	42,126	86,587	331,808	7,230	279,367	7,000		
New York	86,727,121	28,972,020	84,469,249	16,111,680	6,118,131	2,357,189	5,450,731	67,299,000	1,192,892	1,021,715	2,261,554	9,476,161	1,060,913	5,013,282	3,877,765		
North Carolina	12,273,351	2,625,827	1,979,530	2,116,292	349,900	227,127	231,111	7,625,795	725,333	205,218	1,123,795	1,016,500	4,057,546	4,746,772	1,691,746		
North Dakota	3,608,426	337,140	98,804	2,249,534	58,572	44,572	44,572	2,805,188	203,398	70,525	416,186	9,756	318,862	22,881	10,655		
Ohio	31,521,624	8,032,140	3,638,427	7,655,538	1,357,649	337,029	405,207	21,463,900	3,213,432	877,111	1,056,114	5,575,697	715,172	2,455,534	1,388,231		
Oklahoma	7,693,962	932,261	72,433	5,099,497	189,803	71,914	83,855	6,455,753	355,682	289,554	405,706	1,072,942	56,541	87,000	17,686		
Oregon	5,055,427	1,106,224	2,244,305	2,128,888	249,674	156,542	47,001	3,912,684	472,132	348,267	191,774	1,012,173	99,757	2,707,566	1,900,002	20,271	
Pennsylvania	48,066,573	16,078,084	4,701,149	7,455,667	2,188,300	2,094,977	2,094,977	798,736	33,910,733	6,323,445	938,444	1,626,884	705,104	1,600,913	2,707,566	1,900,002	
Rhode Island	3,278,926	944,570	442,710	588,985	138,719	14,923	27,180	2,157,688	296,358	102,306	136,938	535,622	69,591	100,000	416,125		
South Carolina	5,171,395	819,677	302,409	2,079,108	115,670	872	102,151	3,416,857	1,183,616	110,027	133,230	1,422,772	41,192	221,899	65,545		
South Dakota	3,316,490	631,655	145,175	1,622,855	116,486	69,389	80,359	2,665,019	203,085	42,126	86,587	331,808	7,230	279,367	32,125		
Tennessee	14,094,658	2,478,092	1,802,007	2,258,738	803,733	217,343	206,513	7,706,426	1,260,960	2,222,274	247,005	463,360	2,003,334	130,300	3,023,446	1,171,147	
Texas	24,799,574	5,583,682	1,192,294	8,137,714	671,567	350,533	276,136	14,211,900	2,222,274	567,955	1,352,954	4,143,181	64,360	4,746,772	1,681,331		
Utah	2,904,276	546,371	86,496	1,099,510	287,977	10,998	49,577	2,040,829	69,628	96,454	248,384	414,446	59,532	316,321	1,000,000		
Vermont	2,361,293	725,095	223,866	529,818	150,838	36,174	28,632	1,693,443	322,619	55,218	476,831	91,542	1,322,444	78,368	78,368		
Virginia	13,472,605	3,234,367	1,490,948	2,646,716	422,221	86,233	8,171,446	2,999,227	213,408	807,248	4,019,883	319,871	632,244	329,161			
Washington	7,763,536	1,432,911	140,887	3,518,629	241,752	156,883	71,994	5,503,056	719,466	151,651	361,874	1,232,991	94,472	439,445	433,572		
West Virginia	4,828,036	791,364	102,679	2,835,271	108,057	51,164	33,325	3,921,800	520,050	121,445	141,896	783,391	2,240	112,631	7,914		
Wisconsin	15,683,147	2,836,377	546,145	6,779,620	600,564	1,493,841	165,108	12,421,655	1,291,760	396,257	517,588	2,205,685	80,999	787,938	197,050		
Wyoming	1,296,576	81,915	602,586	789,948	35,547	45,839	933,249	66,628	41,008	111,410	218,947	47,781	12,073	50,983			
Outlying parts of the United States																	
Alaska	195,905	1,719	140,281	5,250	1,306	148,556	10,652	17,199	150	30,000							
Hawaii	823,343	126,019	528,429	80,375	25,229	10,795	35,622	11,103	35,598	82,323	3,697	3,832	12,944				
Philippine Islands	32,881	14,394	18,000	8,576	32,304	16,184	20,796	9,431	17,554	207	207	30	55,140	250			
Puerto Rico	842,014	85,329	14,075	602,586	8,576	16,184	728,750	20,796	9,431	17,554	47,781	12,073	55,140				

Source: U. S. Office of Education.

(Follows p. 51) No. 2—Part 2

TABLE 51.—Income of institutions of higher education, by institutional control, and by State: 12 months ending June 30, 1940  
A. PUBLICLY CONTROLLED INSTITUTIONS

State or outlying part of the United States	Total, all income	Educational and general income, excluding receipts specifically designated for physical plant and nonexpendable funds from:								Receipts specifically designated for additions to:					Auxiliary enterprises		
		Total educational and general income	Student fees	Endowment earnings	Federal Government	State governments	County, city and district governments	Private gifts and grants	Sales and services of organized activities	Miscellaneous sources	Physical plant	Endowment funds	Annuity funds	Student loan funds	Other non-expendable funds		
Continental United States	\$409,091,120	\$295,384,905	\$54,988,620	\$6,689,395	\$36,498,572	\$143,547,566	\$24,226,692	\$5,111,424	\$20,296,800	\$4,026,836	\$48,315,347	\$5,651,195	\$170,146	\$125,039	\$218,124	\$65,928,964	
Alabama	7,373,314	5,435,972	1,470,837	233,087	975,598	2,364,537	110,540	45,238	53,665	137,087	613,036	392	628	1	120,781		
Arizona	3,857,603	2,372,794	1,222,566	39,542	260,150	1,303,769	226,306	5,358	41,064	13,034	650,866	429	698	117	882,884		
Arkansas	4,129,230	3,112,772	1,303,572	63,872	232,433	1,516,277	27,391	10,291	63,537	37,229	412,420	1,776	882,884	1	120,781		
California	31,052,135	25,652,778	3,122,069	886,181	701,759	14,062,153	4,978,525	459,705	1,037,711	404,675	2,621,850	601,601	54,217	15,378	29,841	2,428,460	
Colorado	6,495,209	4,742,945	1,152,961	24,823	385,566	2,422,179	163,958	20,378	468,992	104,088	1,184,510	8,000	11,405	548,589	993,194		
Connecticut	3,605,797	2,185,714	209,226	5,646	274,860	1,518,077	124,585	12,508	40,822	824,879	50	392	628	169,182			
Delaware	1,073,230	795,317	158,223	17,244	243,435	335,525	7,688	24,891	6,326	116,675	1	882,884	1	120,781			
District of Columbia	359,193	353,287	12,353	1,000	1,000	347,108	30,675	65,489	86,969	22,050	616,792	8,658	2,969	1	120,781		
Florida	5,542,491	3,264,287	352,402	21,562	428,190	2,516,950	1,000	248,033	175,475	111,427	14,259	923,636	15,495	48,202	5,540	1,084,985	
Georgia	6,439,749	4,083,549	1,395,094	89,697	839,908	1,209,656	175,475	175,475	888,429	17,528	315,881	1	6,427	527,317	864,178		
Idaho	2,749,006	2,087,500	223,134	155,770	335,589	1,223,345	80,580	1,450	59,855	9,484	55,593	1	765	19,550	653,994		
Illinois	16,746,210	12,655,070	1,692,638	37,671	887,030	7,643,453	1,469,406	46,107	384,441	77,152	3,369,282	24,061	12,634	105,728	2,764,070		
Indiana	15,555,101	10,267,459	1,093,505	953,868	721,918	5,666,492	53,573	295,989	1,310,290	246,698	1,914,384	56,861	4,829	9,675	1,645,866		
Iowa	12,740,502	10,409,609	1,763,298	77,880	788,262	5,217,092	189,533	164,884	2,064,655	173,971	652,624	18,768	1	527,317	864,178		
Kansas	7,740,194	6,890,569	1,409,065	34,029	637,175	3,348,460	555,883	1	175,475	888,429	17,528	315,881	1	6,427	527,317	864,178	
Kentucky	6,521,284	5,345,132	1,261,760	40,471	600,633	2,433,506	298,982	24,492	278,465	100,523	435,438	770	3,076	12,113	729,708		
Louisiana	12,880,210	9,729,788	743,682	600,551	600,551	5,256,413	52,555	1	175,475	266,370	140,284	2,602,801	24,866	2,866	1	864,178	
Maine	4,089,119	1,387,577	393,528	40,881	346,510	1,001,621	11,726	40,368	3,132	52,082	8,273	1	864,178	1	864,178		
Maryland	5,117,701	3,476,314	1,085,581	27,863	401,165	1,217,932	61,533	671,025	1,134	1,052,005	18,000	22,800	1	527,317	864,178		
Massachusetts	4,057,912	3,419,238	488,702	18,498	357,860	2,209,108	186,795	17,207	139,987	4,208	111,578	1	527,317	864,178	1	864,178	
Michigan	24,914,406	19,291,967	3,810,507	655,226	742,025	9,350,444	1,318,532	469,983	2,782,146	153,092	2,282,896	296,719	7,200	25,625	1	864,178	
Minnesota	15,518,478	11,003,651	734,588	734,588	740,197	5,585,802	455,938	532,109	1,196,594	32,355	1,780,921	1,182,701	10,057	1	864,178		
Mississippi	6,074,712	4,009,144	655,028	608,588	695,286	1,150,924	702,976	27,300	266,742	174,290	270,425	1	600	1	864,178		
Missouri	9,929,039	7,325,375	1,263,273	77,101	959,374	4,232,204	500,569	33,939	226,595	42,318	1,988,744	12,715	26,392	1	864,178		
Montana	3,908,804	1,863,031	298,134	101,524	358,057	83,370	132,213	98,044	1	205,598	21,680	451,581	1	404	1	864,178	
Nebraska	5,661,883	4,556,820	927,914	50,326	559,387	2,267,577	290,661	8,883	451,867	40,505	159,861	2,424	10,739	891,639	90,454		
Nebraska	6,753,065	4,196,751	14,476	233,646	233,646	8,070	8,103	2,103	45,747	40,681	375,000	333	1	296,333	1	864,178	
New Hampshire	2,070,159	1,527,712	205,184	44,188	270,488	678,220	35,749	13,610	113,487	71,788	125,778	8,408	1,928	1	272,940		
New Jersey	2,261,293	1,603,929	702,563	1,719	1,719	1,083,710	74,250	7,998	14,479	14,250	1,205,344	10,154	1	1,205,344	1	864,178	
New Mexico	2,978,491	2,192,149	452,981	175,685	321,423	1,035,598	96,492	7,626	54,474	15,870	185,419	13,925	1	1,205,344	1	864,178	
New York	13,663,691	12,404,217	1,355,670	20,533	1,130,722	2,711,153	8,301,501	3,626	20,988	10,731	2,811,485	227,360	21,531	1	864,178		
North Carolina	12,772,210	6,281,358	1,778,225	1,000	1,000	2,462,108	307,677	148,720	42,410	157,630	2,600	21,657	1	864,178	3,420,670		
North Dakota	2,570,269	1,917,759	1,769,687	4,813	442,210	1,151,446	4,813	1	175,475	45,860	21,163	6,000	1	371,926	1	864,178	
Ohio	19,685,824	13,862,948	3,709,048	833,843	748,870	2,628,713	1,153,384	602,306	510,148	356,636	1,470,758	542,903	396	10,915	1	864,178	
Oklahoma	9,942,915	7,107,838	961,037	88,710	815,688	4,270,158	750	10,033	889,081	72,202	1,205,344	3,179	1	1,205,344	1	864,178	
Oregon	5,886,640	4,302,270	855,738	20,473	465,293	2,467,504	113,450	141,176	219,671	8,965	423,445	294,659	13,190	1	864,178		
Pennsylvania	11,183,212	8,572,317	2,719,864	20,020	1,036,848	4,233,965	18,042	233,101	510,414	334,263	507,820	7,142	8,622	2,089,010	1	864,178	
Rhode Island	1,310,395	1,019,193	2,636	231,053	592,522	1,245,237	292,369	70,506	164,217	45,027	124,499	1,537,289	15,956	1	177,442	1	864,178
South Carolina	7,722,875	5,346,510	912,293	287,870	737,551	1,560,536	66,500	34,617	172,109	33,094	2,435,354	203	1	1,740,869	1	864,178	
South Dakota	2,496,024	1,979,461	447,860	113,454	452,814	840,504	1,025	118,583	4,314	247,886	472	1	205,344	208,245	1	864,178	
Tennessee	4,548,428	3,748,248	1,044,369	43,576	602,977	1,479,247	22,747	12,403	198,388	88,057	188,014	20,702	22,289	1	864,178		
Texas	23,525,942	17,190,612	3,743,058	490,517	9,269,524	887,933	112,058	696,738	410,612	258,532	1,036,345	1	454,048	1	864,178		
Utah	3,410,716	2,510,463	444,037	120,021	289,237	1,343,324	12,133	46,511	61,524	63,863	7,400	1	229,170	1	864,178		
Vermont	14,342,928	7,889,229	2,243,054	638,309	803,686	2,341,329	155,466	176,402	1,372,415	158,568	2,818,034	704,585	26,712	3,404,368	1	864,178	
Virginia	9,011,427	6,361,055	1,392,577	206,517	429,110	3,912,968	187,172	38,533	152,324	91,864	1,481,728	220,512	9,422	1,817	667,171		
Washington	14,030,472	9,356,940	707,097	6,141	556,006	2,484,884	26,371	12,145	162,681	1,768	831,379	754	1	1,740,869	1	864,178	
West Virginia	1,402,703	1,057,573	135,274	97,630	336,025	414,844	58,905	15,200	1,667,037	120,424	1,529,838	21,492	8,265	1	205,344	1	864,178
Wisconsin	11,694,733	8,189,433				8,189,433				3,505,300		2,770		1	205,344	1	864,178
Wyoming	4,843,648	4,325,265	799,355	47,136	677,425	2,467,167		35,843	109,251	129,091	91,294	75,284	2,770		373,826		
United States service schools																	
Outlying parts of the United States																	
Alaska	339,657	256,893	10,471	60	97,404	122,850		9,400	13,681	2,927	500				82,264		
Canal Zone	37,798	37,798	29,060		8,738												
Hawaii	1,289,264	1,063,332	282,778	716	270,222	445,614		20,495	37,034	6,473	31,469	754	1	1,140	1	192,509	
Philippine Islands	1,085,170	1,057,572	215,207	20,147	741,732	5,662,838	125,630	15,000	37,004	36,649	2,513,500	53,325	1	1,612	1	25,481	
Puerto Rico	2,096,559	1,909,373	261,839	26,213	301,061	1,164,738		50,948	21,532	83,042	53,325	74,530	19	53,312			

B. PRIVATELY CONTROLLED INSTITUTIONS

State or outlying part of the United States	Total, all income	Educational and general income, excluding receipts specifically designated for physical plant and nonexpendable funds from:									Receipts specifically designated for additions to:					Auxiliary enterprises and activities
		Total educational and general income	Student fees	Endowment earnings	Federal Government	State governments	County, city and district governments	Private gifts and grants	Sales and services of organized activities	Miscellaneous and unitemized sources	Physical plant	Endowment funds	Annuity funds	Student loan funds	Other non-expendable funds	
		\$416,846,599	\$275,903,211	\$145,907,997	\$64,614,846	\$2,361,383	\$7,674,969	\$166,564	\$35,341,422	\$12,470,830	\$7,356,200	\$17,893,427	\$33,037,025	\$2,135,421	\$618,018	\$2,262,413
Continental United States																
Alabama	3,293,566	2,071,511	960,334	467,991	6,250			455,299	106,108	75,559	142,490	62,774	507	500	1,015,524	341,524
Arkansas	1,210,815	802,403	491,054	72,053		202,733	15,299	18,303	39,509	27,126	10,090	492	166,654	5,873,502	5,898,602	
California	22,925,128	13,436,795	7,126,255	3,639,347	51,839	4,868	1,684,929	60,922	22,232	2,140,113	1,151,121	49,244	61,967	166,654	2,856,800	
Colorado	2,384,773	1,403,125	964,773	781	375		1,521,592	9,224	8,380	304,475	50,723	2,500	4,358			
Connecticut	10,045,610	5,716,598	3,521,177	4,631,400			1,222,908	8,289	233,182	480,934	2,849,928	59,692	35,200			
Delaware	9,051	1,063						7,711	277							
District of Columbia	6,814,023	5,590,073	2,702,313	245,423	903,747		45,000	1,256,030	300,594	158,965	325,325	69,467		3,791		834,367
Florida	2,390,011	1,518,174	1,088,498	77,893		60,250	249,502	21,926	20,205	1,161,700	2,889		488		722,698	
Georgia	5,632,680	2,957,782	1,477,587	860,897	1,090		433,683	129,129	62,739	791,714	611,171	30,069	26,660	23	1,292,239	
Idaho	251,370	185,374	107,447	25,087			58,524		3,316	6,962		675	331			48,037
Illinois	38,007,463	24,917,914	12,489,192	5,166,318	60,060		3,510,289	2,081,323	731,732	1,822,775	5,310,995	173,396	59,722	15,749	5,661,911	
Indiana	9,797,662	5,477,598	3,310,002	785,845	200	13,431	947,117	45,311	372,922	409,300	173,731	4,531	497,327	2,080	3,285,280	
Iowa	5,510,720	3,065,620	2,183,877	480,577			821,854	55,133	30,368	12,381	10,127	35,951	24,916	1,445,296		
Kansas	2,677,151	1,676,536	866,570	242,700			273,490	12,381	34,965	42,033	330,657	75,360	3,246	548,379		
Kentucky	3,166,820	1,939,642	721,877	577,797	180		621,564	53,270	64,954	130,895	157,883	78,285	6,728	9,492	543,965	
Louisiana	3,719,898	2,588,657	1,277,615	819,721			593,651	34,981	132,689	465,166	190,247				262,823	
Maine	2,051,950	1,404,061	685,574	610,278		4,769	37,233	55,316	15,689	225,129	173,731	1,161,700	625	3,550	442,881	
Maryland	7,079,490	4,876,761	2,082,212	1,344,255		250,750	927,548	131,298	137,760	251,537	582,434	2,090	12,613	113,000	1,241,145	
Massachusetts	45,936,362	28,216,257	15,966,695	9,937,042	16,667	1,000	2,434,463	426,684	560,516	1,499,219	5,167,013	126,651	46,314	442,928	9,497,680	
Michigan	4,199,739	2,905,778	1,615,664	281,240			637,676	94,702	80,296	321,272	74,404	1,615	400		892,270	
Minnesota	5,460,193	3,032,918	1,649,942	367,514			851,699	94,009	69,621	485,077	193,484	6,000	3,722	330	1,774,885	
Mississippi	1,288,262	746,478	419,714	144,063		1,320	444	159,913	6,401	14,500	79,721	511	599		424,556	
Missouri	11,927,476	7,621,110	4,238,615	1,295,639		3,105	1,018,198	436,170	396,163	645,629	302,755	15,802	10,811	72,398	3,253,731	
Montana	359,229	245,090	118,881	33,899	1,700		81,813	1,096	7,161	2,000	13,227			98,912		
Nebraska	1,268,716	771,749	425,602	118,978			213,326	8,080	10,763	5,637	1,000	2,863	7,255	448,178		
New Hampshire	4,027,284	2,350,678	1,262,607	\$13,469			177,079	895	96,588	218,170	482,784	75,714	100		869,528	
New Jersey	13,119,225	8,968,578	3,732,319	1,582,392	412,688	1,688,654	29,986	296,454	714,427	1,165,204	1,000	18,381	282,917	2,665,747		
New York	79,708,221	60,854,275	32,890,394	13,984,112	893,512	3,016,658	1,730	4,300,384	1,267,243	738,455	5,045,712	934,032	59,045	620,812	10,546,843	
North Carolina	11,230,239	6,504,361	3,261,948	2,060,839	5,495	2,535	350,929	689,699	282,281	905,466	854,282	2,993	7,357	2,765	2,862,015	
North Dakota	165,258	136,338	73,909	41,103			2,199	5,296	12,000					6,901		
Ohio	18,972,928	12,552,732	7,185,660	2,841,302		283,300	2,338	1,694,637	124,678	280,817	985,721	1,243,311	59,026	56,835	153,183	4,121,620
Oklahoma	1,371,298	997,047	600,732	90,564			220,914	15,139	78,387	55,693	809	1,161,700	1,161,700		312,574	
Oregon	1,712,323	1,312,417	798,802	201,451			260,619	51,812	29,732	7,171	33,198		4,143		325,394	
Pennsylvania	40,395,700	28,098,028	15,837,843	4,300,970		2,293,909	2,610	2,649,357	2,206,763	510,177	2,722,285	1,385,058	205,784	32,312	160,870	7,791,333
Rhode Island	2,918,930	2,128,942	1,035,311	730,012		32,802	967	289,026	2,610	32,214	134,614	168,620	1,000			457,754
South Carolina	2,776,280	1,626,517	853,713	267,318			1,280	315,178	2,987	86,041	155,090	74,866	5,000	17,123	142	997,542
South Dakota	672,549	475,923	286,893	67,804				92,139	15,139	27,280	22,000	1,000	19,980		139,468	
Tennessee	10,736,293	5,987,997	2,603,240	1,767,719	300	22,611	1,280	1,018,455	400,107	176,185	81,167	2,458,024	65,952	21,937	47,089	2,094,147
Texas	10,074,695	5,547,828	3,181,531	1,182,559	4,050		2,194	936,202	110,515	108,425	280,165	56,000	3,545	1,590	3,768,059	
Utah	715,157	671,078	226,314	10,615				412,404	12,116	9,629	500		1,063		42,516	
Vermont	2,058,712	1,151,266	852,587	151,289			21,260	59,002	2,291	64,837	246,269	6,944				654,183
Virginia	6,394,426	3,770,852	2,194,276	1,063,700	4,000	29,750	299,610	60,679	96,227	156,815	284,140	5,322	12,157	220	2,398,905	
Washington	1,534,313	1,019,100	626,108	123,088				226,454	17,971	18,507	2,821	23,000	3,378	26,000	390,251	
West Virginia	943,731	568,508	415,028	123,017		10,000		32,040	9,387	17,054	19,930	48,199	1,000	9,495	1,000	256,142
Wisconsin	4,492,737	3,022,864	1,763,631	437,404		150		609,276	138,291	68,112	151,252	196,295	30,000	8,410	31,326	1,052,590
Outlying parts of the United States	210,421	183,078	134,784	13,008				27,100	8,186		5,600			180		21,693
Philippine Islands	124,306	124,306	124,306	124,306				27,100	8,186		5,600					
Puerto Rico	85,115	85,772	10,478	13,008				27,100	8,186		5,600			150		21,693

Source: U. S. Office of Education.

(Follows p. 51) No. 3—Part 2

TABLE 52.—Income from student fees, expenditures for general and educational purposes,<sup>1</sup> and income from student fees as percent of general and educational expenditures, for institutions of higher education in continental United States and outlying parts, by institutional control, type of institution,<sup>2</sup> and area: 1932 and 1940<sup>3</sup>

[In thousands of dollars]

	Continental U. S. and Outlying Parts		Continental U. S.		New England and Middle Atlantic		North Central		South Atlantic		South Central		Mountain and Pacific		Outlying Parts		
	1932	1940	1932	1940	1932	1940	1932	1940	1932	1940	1932	1940	1932	1940	1932	1940	
All institutions:																	
Student fees	\$150,876.1	\$201,661.1	\$150,648.7	\$200,726.9	\$68,396.4	\$81,506.4	\$42,902.0	\$66,927.8	\$14,570.5	\$22,676.0	\$12,094.6	\$20,778.2	\$12,665.2	\$15,838.5	\$227.4	\$934.2	
Expenditures	\$422,127.0	\$526,030.7	\$420,633.7	\$521,989.7	\$141,215.7	\$165,146.7	\$139,755.1	\$163,939.5	\$43,980.9	\$62,244.7	\$45,531.8	\$66,078.3	\$50,149.5	\$64,560.5	\$1,494.0	\$4,031.0	
Percent	35.7	38.3	35.8	38.5	48.4	49.4	30.7	34.7	33.1	36.4	26.6	31.4	25.3	29.2	15.2	23.2	
PUBLICLY CONTROLLED INSTITUTIONS																	
All public institutions:																	
Student fees	\$34,707.1	\$55,788.6	\$34,479.7	\$54,989.2	\$3,584.0	\$6,152.9	\$15,121.4	\$20,861.2	\$5,448.5	\$8,654.7	\$4,916.5	\$10,515.2	\$5,409.3	\$8,805.2	\$227.4	\$790.4	
Expenditures	\$207,357.7	\$273,259.6	\$205,863.7	\$260,381.0	\$25,242.8	\$32,646.2	\$87,797.6	\$104,329.5	\$24,779.5	\$36,432.7	\$30,976.9	\$47,692.5	\$37,067.8	\$48,280.1	\$1,494.0	\$3,878.6	
Percent	16.7	20.4	16.7	20.4	14.2	18.8	17.2	20.0	22.0	23.8	15.9	22.0	14.6	18.2	15.2	20.6	
Colleges and universities:																	
Student fees	\$23,253.4	\$36,165.7	\$23,042.1	\$35,405.9	\$2,336.4	\$3,668.5	\$10,879.2	\$15,377.3	\$2,539.2	\$3,737.5	\$2,732.6	\$5,864.2	\$4,554.7	\$6,758.4	\$211.3	\$759.8	
Expenditures	\$127,958.1	\$175,639.2	\$126,613.1	\$171,946.6	\$14,215.7	\$20,053.6	\$88,204.2	\$75,317.4	\$10,353.1	\$13,389.6	\$17,578.0	\$32,096.8	\$26,262.1	\$31,089.2	\$1,345.0	\$3,692.6	
Percent	18.2	20.6	18.2	20.6	16.4	18.3	18.7	20.4	24.5	27.9	15.5	18.3	17.3	21.7	15.7	20.6	
Arts and sciences:																	
Student fees	\$1,069.9	\$2,656.9	\$1,068.2	\$2,646.4	—	—	\$143.5	\$570.4	\$793.8	\$1,264.4	\$130.9	\$811.6	—	—	\$1.7	\$10.5	
Expenditures	\$4,058.4	\$7,645.7	\$3,961.0	\$7,497.5	—	—	\$310.0	\$1,764.5	\$2,925.9	\$3,613.0	\$725.1	\$1,210.0	—	—	\$132.4	\$148.2	
Percent	26.1	34.8	27.0	35.3	—	—	46.3	52.3	27.1	35.0	18.1	38.3	11.6	18.2	1.3	7.1	
Professional and technical:																	
Student fees	\$3,600.1	\$4,350.1	\$3,600.1	\$4,350.1	\$370.6	\$534.3	\$1,355.7	\$1,300.6	\$1,351.5	\$1,866.2	\$373.6	\$433.8	\$148.7	\$305.2	—	—	
Expenditures	\$26,167.6	\$29,934.1	\$26,167.6	\$29,934.1	\$2,104.1	\$2,890.0	\$11,368.6	\$7,650.6	\$8,809.3	\$13,851.3	\$1,696.2	\$2,652.3	8.8	11.2	12.0	—	
Percent	13.8	14.5	13.8	14.5	17.6	18.5	11.9	14.8	17.7	13.5	11.2	18.8	8.8	11.8	12.0	—	
Teachers and Normal:																	
Student fees	\$5,231.5	\$8,894.9	\$5,231.5	\$8,894.9	\$866.0	\$1,857.9	\$2,230.0	\$2,710.9	\$562.0	\$1,047.8	\$1,020.3	\$2,192.9	\$553.2	\$1,085.4	—	—	
Expenditures	\$37,486.0	\$40,143.2	\$37,486.0	\$40,143.2	\$8,847.1	\$9,511.3	\$15,195.6	\$14,613.4	\$2,401.0	\$2,737.8	\$2,273.9	\$7,266.6	\$4,768.4	\$6,014.1	—	—	
Percent	14.0	22.2	14.0	22.2	9.8	19.5	14.7	18.6	23.4	38.3	16.3	30.2	11.6	18.0	3.5	—	
Negro:																	
Student fees	\$321.7	\$907.9	\$321.7	\$907.9	\$11.0	\$17.2	\$8.7	\$39.7	\$141.9	\$524.1	\$160.1	\$426.9	—	—	—	—	
Expenditures	\$2,645.0	\$4,714.8	\$2,645.0	\$4,714.8	\$75.9	\$91.2	\$249.6	\$454.1	\$1,274.6	\$2,309.0	\$1,044.9	\$1,866.5	—	—	—	—	
Percent	12.2	21.2	12.2	21.2	21.2	14.5	18.9	3.5	6.5	11.1	22.7	15.3	22.9	3.5	7.6	—	
Junior:																	
Student fees	\$1,230.5	\$2,723.1	\$1,216.1	\$2,694.0	—	—	\$75.0	\$504.3	\$872.3	\$60.1	\$214.7	\$400.0	\$875.8	\$152.7	\$656.2	\$14.4	\$20.1
Expenditures	\$9,007.6	\$15,182.6	\$8,990.0	\$15,142.6	—	—	\$100.1	\$2,483.7	\$3,370.8	\$174.3	\$532.0	\$2,006.9	\$2,517.4	\$4,341.1	\$8,624.5	\$16.6	\$37.8
Percent	13.7	17.9	13.5	17.8	—	—	74.9	20.4	25.9	34.5	40.4	24.9	34.8	3.5	7.6	86.7	77.0
PRIVATELY CONTROLLED INSTITUTIONS																	
All private institutions:																	
Student fees	\$116,169.0	\$145,872.5	\$116,169.0	\$145,737.7	\$64,812.4	\$75,353.5	\$27,780.6	\$36,066.6	\$9,122.0	\$14,021.3	\$7,178.1	\$10,263.0	\$7,275.9	\$10,033.3	—	\$134.8	
Expenditures	\$214,769.3	\$262,761.1	\$214,769.3	\$262,608.7	\$115,972.9	\$132,500.5	\$51,958.4	\$58,630.0	\$19,201.4	\$25,812.0	\$14,554.9	\$18,385.8	\$13,081.7	\$16,280.4	61.6	\$152.4	
Percent	54.1	57.7	54.1	57.7	55.9	55.9	53.5	60.5	47.5	54.3	49.3	55.8	55.8	55.6	61.6	88.5	
Colleges and universities:																	
Student fees	\$90,598.0	\$167,540.4	\$90,598.0	\$167,540.4	\$39,957.9	\$43,020.7	\$12,164.4	\$12,784.9	\$3,124.6	\$4,287.7	\$1,799.4	\$2,949.0	\$3,511.7	\$4,498.1	—	—	
Expenditures	\$116,993.0	\$126,627.5	\$116,993.1	\$126,627.5	\$76,303.4	\$80,861.8	\$23,338.6	\$25,624.8	\$7,347.5	\$9,488.8	\$4,300.1	\$5,741.2	\$5,703.5	\$6,810.9	61.6	66.0	
Percent	51.8	53.3	51.8	53.3	52.4	53.2	52.1	53.9	42.7	45.2	41.8	51.4	51.4	61.6	66.0	—	
Arts and sciences:																	
Student fees	\$38,374.8	\$50,534.7	\$38,374.8	\$50,524.2	\$16,072.5	\$19,308.3	\$11,573.2	\$16,274.1	\$4,717.2	\$6,628.9	\$3,052.7	\$4,400.6	\$2,659.2	\$3,813.3	—	\$10.5	
Expenditures	\$65,683.0	\$77,514.6	\$65,683.0	\$77,470.6	\$24,143.4	\$28,660.8	\$21,485.0	\$25,973.7	\$7,816.8	\$9,954.4	\$5,880.9	\$7,129.2	\$4,347.9	\$5,732.5	61.3	66.3	
Percent	60.3	65.2	60.3	66.6	67.4	67.4	66.3	67.2	60.3	66.6	61.8	61.8	61.2	61.2	23.9	—	
Professional and technical:																	
Student fees	\$8,669.2	\$16,008.4	\$8,669.2	\$15,882.1	\$6,405.6	\$9,746.4	\$1,562.3	\$4,494.4	\$140.4	\$463.2	\$118.5	\$258.7	\$442.4	\$194.9	—	\$124.3	
Expenditures	\$10,361.1	\$29,125.7	\$10,361.1	\$29,017.3	\$12,998.7	\$19,365.5	\$5,646.3	\$5,807.1	\$335.5	\$787.6	\$475.4	\$107.8	\$1,905.2	\$2,439.3	61.2	\$108.4	
Percent	44.8	55.0	44.8	54.7	49.3	50.3	42.8	77.4	41.8	58.8	24.9	41.9	23.2	37.7	114.7	—	
Teachers and Normal:																	
Student fees	\$1,566.0	\$1,740.1	\$1,566.0	\$1,740.1	\$775.5	\$700.3	\$425.0	\$459.0	\$38.1	\$22.1	\$287.6	\$488.2	\$89.8	\$40.5	—	—	
Expenditures	\$2,051.8	\$2,385.8	\$2,051.8	\$2,385.8	\$736.9	\$662.0	\$479.9	\$487.9	\$23.9	\$61.2	\$694.0	\$667.2	\$117.1	\$147.5	—	—	
Percent	76.3	72.9	76.3	72.9	105.2	105.8	88.6	57.7	159.4	36.1	41.4	73.2	34.0	27.5	—	—	
Negro:																	
Student fees	\$1,115.8	\$1,849.7	\$1,115.8	\$1,849.7	\$44.6	\$54.5	\$25.9	\$44.6	\$624.4	\$900.4	\$460.2	\$850.2	—	—	—	—	
Expenditures	\$4,369.9	\$6,292.6	\$4,369.9	\$6,292.6	\$124.6	\$122.6	\$240.3	\$412.9	\$2,683.6	\$3,223.8	\$1,341.6	\$2,432.3	35.0	—	—	—	
Percent	25.5	29.4	25.5	29.4	35.8	44.1	10.8	23.4	27.1	31.4	46.1	35.0	61.8	67.4	—	—	
Junior:																	
Student fees	\$5,845.2	\$8,201.2	\$5,845.2	\$8,201.2	\$1,526.3	\$2,523.3	\$1,729.8	\$1,979.6	\$467.3	\$1,719.0	\$1,499.0	\$1,217.3	\$622.8	\$762.0	—	—	
Expenditures	\$8,310.4	\$10,514.9	\$8,310.4	\$10,514.9	\$1,665.9	\$2,528.8	\$2,708.3	\$2,863.6	\$1,014.3	\$2,196.2	\$1,553.9	\$1,798.1	\$1,008.0	\$1,130.2	61.8	67.4	
Percent	70.3	75.8	70.3	75.8	91.6	91.6	69.3	69.3	46.1	75.3	60.9	67.7	61.8	67.4	—	—	

<sup>1</sup> Expenditures for educational and general purposes include administration and general control, resident instruction, organized research separately budgeted, extension, libraries, physical plant operation, and maintenance, organized activities related to instruction, and miscellaneous unitemized expenditures; excludes expenditures for auxiliary enterprises and activities, noneducational expenditures, and capital outlay.

<sup>2</sup> Information for any one type of institution is reported in the appropriate category only; types of institutions are mutually exclusive.

<sup>3</sup> Expenditures for educational and general purposes are of institutions of complex organization. "Arts and sciences" are institutions offering liberal arts 4-year degrees.

"Professional and technical" institutions are those independently controlled. "Negro" includes institutions of all types for Negroes only.

"Junior" colleges are nondegree-granting institutions not elsewhere classified.

<sup>4</sup> 12 months ending June 30 of year specified.



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